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This document contains an alphabetical listing of active chemicals. It is an extensive pesticide collection of chemical reference points compiled from "Acceptable Common Names and Chemical Names for the Ingredient Statement on Pesticide Labels" (EPA-540/9-77-017), the working files of Robert Coberly and Eleanc Merrick and 180.1 - 180.418 of the July 1, 1984 CFR 40.

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CATALOG OF PESTICIDE CHEMICAL NAMES AND THEIR SYNONYMS

SECOND EDITION

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JANUARY 1, 1990

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CATALOG OF PESTICIDE CHEMICAL NAMES AND THEIR SYNONYMS

This list is an extensive collection of chemical reference points compiled from the following sources:

- EPA-540/9-77-017 - "Acceptable Common Names and Chemical Names for the Ingredient Statement on Pesticide Lables"
- The working files of R. Coberly
- The working files of E. Merrick
- Title 40 CFR 180.1 thru 180.418 (7/1/84)

Primary Names

All primary names are listed alphabetically and are numbered sequentially in the leftmost column (Entry). In addition, the Caswell Number (Casw#), Chemical Abstract Service Number (CAS#), 40 CFR reference number (CFR#), Shaughnessy Number (SHG#) and one or more synonyms may also be listed. These names are listed without regard to the EPA categories of active and inert, and are generally the ones used, at least in part, by other countries.

Synonyms

Alternate names, including product names, are also sorted alphabetically, but are not numbered sequentially in the leftmost column. Instead, they are cross-referenced (Xref) by the number of the Primary Entry listing.

Abbreviations

The following abbreviations are used in this catalog:

o	ANSI	Names established by the K-62 committee of the American National Standards Institute
o	BSI	Names accepted by the British Standards Institute
o	CA	Chemical names used by the Chemical Abstracts Service of the American Chemical Society (CA* are names from the 1972 Chemical Abstracts index)
o	CAN	Canadian Names
o	FDA	Names accepted by the Food and Drug Administration
o	ISO	Names accepted by the International Standards Institute
o	OFFICIAL	Names established by the former Interdepartmental Committee on Pest Control
o	PROP	Proposed chemical names

Disclaimer

The listing of trade or proprietary names does not imply endorsement of these products by the United States Environmental Protection Agency.

Errors or Omissions

Every effort has been made to ensure the accuracy of this catalog. If errors or omissions are found, please notify:

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U.S. Environmental Protection Agency
Toxicology Branch, HED (TS-769c)
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CASWELL#	CHEMICAL	X-REFEREN
	4WC317 (part, see casw 016C, 266BB, & 019FF)	016II
	4WC317 (part, see casw 016C, 016II, & 019FF)	266BB
	4WC317 (part, see casw 019FF, 016II, & 266BB)	016C
	420	002A
	3Y9	897
	A 23703	197
	A 820	125E
	Aatrex	063
	2-AB	125
	Abamectin	063AB
	Abaphos	845
	Abate	845
4	ABG 3030	197
	ABG 5001	663AA
	ABG 6065	482AA
001	Abietic anhydride CAS: 19897-44-0 SHA: 040901	
002	Abietylamine condensates, including polyethylene condensate with abietylamine CAS: 47117-16-8 SHA: 004100	

CASWELL#	CHEMICAL	X-REFERENC
002AB	AC 14,503	
	AC 18,737	422
	AC 22,234	179D
	AC 38,555	191
	AC 47,031	268B
	AC 64,475	268BB
	AC 72,613	598C
	AC 84,777	363A
	AC 92,100	131A
	AC 92,390	128FA
	AC 92,553	454BB
	AC 206,784	194AB
	AC 217,300	642AB
003G	AC 222,293 Methyl-6-(4-isopropyl-4-methyl-S-oxo-2-imidazolin-2-yl)-m-toluate Assert SHA: 128843	
002AA	AC 222,705 (+-)Cyano(3-phenoxyphenylmethyl (+)4-difluoromethoxy)-α-(1-methylethylethyl)benzeneacetate (+-)α-Cyano-m-phenoxy-benzyl(+)-2-(p-difluoromethoxy)phenyl-3-methylbutyrate Flucythrinate (ANSI) Pay-Off CAS: 70124-77-5 SHA: 118301 CFR: 180.400	

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CASWELL#                                   CHEMICAL                                                              X-REFEREN
-------------------------------------------------------------------------------------------------------------------------
003F    | AC 243,997                                                                                          |
        |     2-(4-Isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid                                  |
        |     CAS: 81334-34-1                                                                                 |
        |     SHA:  128821                                                                                    |
        |                                                                                                     |
003C    | AC 252,214                                                                                          |
        |     2-(4-Isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-3-quinolinecarboxylic acid                     |
        |     2-[4,5-Dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid    |
        |     Scepter                                                                                         |
        |     Imazaquin (ANSI)                                                                                |
        |     CAS: 81335-37-7                                                                                 |
        |     SHA:  128848                                                                                    |
        |                                                                                                     |
003D    | AC 252,925                                                                                          |
        |     2-(4-Isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid, iso-propylamine salt.           |
        |     2-(4,5-Dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid with 2-propanamine
        |     CL 252,925                                                                                      |
        |     CAS: 81510-83-1                                                                                 |
        |     SHA:  128829                                                                                    |
        |                                                                                                     |
        | AC 801,757                                                                                          |
        |                                                                                                     | 125K
003I    | AC-263499                                                                                           |
        |     Pursuit                                                                                         |
        |     2-[4,5-Dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid, ammonium salt
        |     Imazethapyr (ANSI)                                                                              |
        |                                                                                                     |
        | Acaraben                                                                                            |
        |                                                                                                     | 434
        | Acaralate                                                                                           |
        |                                                                                                     | 511B
        | Acarol                                                                                              |
        |                                                                                                     | 511A
        | Accel                                                                                               |
        |                                                                                                     | 083F
        | Accelerate                                                                                          |
        |                                                                                                     | 421
        | Accent                                                                                              |
        |                                                                                                     | 359J
                                                                                                              |
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CASWELL#	CHEMICAL	X-REFERENC
	Accothion	373
	ACD 15 M	192C
002A	Acephate (ANSI) O,S-Dimethylacetylphosphoroamidothioate Orthene Ortho 12 420 CAS: 30560-19-1 SHA: 103301 CFR: 180.108	
003H	Acetamide CAS: 60-35-5	
003E	Acetanilide CAS: 103-84-4	
003	Acetic Acid CAS: 64-19-7 SHA: 044001	
003A	Acetic anhydride CAS: 108-24-7 SHA: 044007	
003B	Acetochlor (ANSI) 2-Chloro-N-(ethoxymethyl)-6'-ethyl-o-acetotoluidide 2-Chloro-N-(ethoxymethyl)-N-(2-ethyl-6-methylphenyl)acetamide CAS: 34256-82-1 SHA: 121601	
004	Acetone Dimethyl ketone CAS: 67-64-1 SHA: 044101	

CASWELL#	CHEMICAL	X-REFERENC
	Acetone-o-[D-2-[p-[(α,α,α-trifluoro-p-oxy]phenoxy]propionyl]oxime	723B
	3-(α-Acetonylbenzyl)-4-hydroxycoumarin	903
	3-(α-Acetonylbenzyl)-4-hydroxycoumarin, sodium salt	903A
004A	3-(α-Acetonyl-4-chlorobenzyl)-4-hydroxycoumarin	
	Coumachlor (ISO,BSI)	
	Tomorin	
	CAS: 81-82-3	
	SHA: 224200	
005	3-(α-Acetonylfurfuryl)-4-hydroxycoumarin (CA)	
	Fumarin	
	Coumafuryl (ISO)	
	CAS: 117-52-2	
	SHA: 086001	
005A	3-(α-Acetonylfurfuryl)-4-Hydroxycoumarin, sodium salt	
	CAS: 34490-93-2	
	SHA: 086004	
005D	Acetophenone	
	ACP 99 Ketone	
	Acetylbenzene	
	Hypnone	
	CAS: 98-86-2	
	6-Acetoxy-2,4-dimethyl-m-dioxane	363
007	2-(Acetoxymercuri)ethanol	
	α Acetoxymercuri-β-hydroxyethane	
	CAS: 4665-55-8	
	SHA: 041501	
	α-Acetoxymercuri-β-hydroxyethane	007

CASWELL#	CHEMICAL	X-REFERENC
005B	2-[(-Acetylamino)methyl]-2-chloro-N-(2,6-diethylphenyl)acetamide Mon 4620 Amidochlor CAS: 40164-67-8 SHA: 128001	
	Acetylbenzene	005D
005AA	3-Acetyl-2-[2,6-dimethyl-5-heptenyl]oxazolidine CAS: 39785-81-4 SHA: 113801	
005E	Acetylene Black	
005C	O-(2-Acetylethylamino)-6-methyl-4-pyrimidinyl-O,O-diethyl phosphorothioate Primidophos CAS: 39247-96-6	
	2-Acetyl-5-hydroxy-3-oxo-4-hexenoic acid, δ-lactone	278
005AB	Acetyl tributyl citrate	
	Acid Blue 9	007A
007A	Acid Yellow 23 Acuashade Tortrazine c Extra Acid Blue 9 CAS: 2650-18-2 SHA: 110301	
007B	Aciflourfen- Ethyl ester of (ANSI) Ethyl-2-nitro-5-(2-chloro-4-trifluoromethylphenoxy)-benzoate Ethyl-5-[2-chloro-4-(trifluoromethyl)-phenoxy]-2-nitrobenzoate RH 8817	
	Acifluorfen, sodium salt	755D

CASWELL#	CHEMICAL	X-REFEREN
	AC NP	607AA
	ACP 9[illegible] Ketone	0050
	Acquinite	214
	ACR 1[illegible]22	3738
	ACR 1[illegible]58D	3738
008	Acriflavine (CA) CAS: 8048-52-0 SHA: 000501	
	Acritet	010
009	Acrolein Aqualin Acrylaldehyde Magnacide CAS: 107-02-8 SHA: 000701	
	Acrylaldehyde	009
009A	Acrylic acid CAS: 79-10-7	
010	Acrylonitrile Acritet Cyanoethylene CAS: 107-13-1 SHA: 000601	
	Acrylonitrile-methylacrylate copolymers	5988
	Actamer	852

CASWELL#	CHEMICAL	X-REFEREN
	Actellic	334B
	Actidione	270A
	Actispray	270A
	Actril	353A
010B	Adenosine CAS: 58-61-7	
010C	Adipate di-alkyl	
	Advantage	463C
	Aerotex	896
	Afalon	528
	Afesin	207D
	Afugan	714D
	AG-500	342
010AA	AG Chem Base Hi Sol 10	
010D	Aglycone	
	Agosan CH-O	044A
010E	Agrily e	
	Agrimycin	804
	Agri-Strep	804

CASWELL#	CHEMICAL	X-REFEREN
	Agritol	066
	Agritox	456A
010A	Agrobacterium radiobacter galltrol Galltrol-A SHA: 114201	
	Agroxone	557C
	AIB	044AA
	Akar	434
	Akton	187A
011	Alachlor (ANSI) 2-Chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide 2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide Lasso CAS: 15972-60-8 SHA: 090501 CFR: 180.249	
	Alanap-1	592
	Alanap 2	593
	Alanap 3	780A
	Alar	808
	Alden	373B
011A	Aldicarb (ANSI) 2-Methyl-2-(methylthio)propionaldehyde-O-(methylcarbamoyl)oxime Temik UC 21149 CAS: 116-06-3 SHA: 098301 CFR: 180.269	

CASWELL#	CHEMICAL	X-REFERENC
	Aldicarb sulfone	011AA
011C	Aldicarb sulfone nitrile	
011B	Aldicarb sulfone oxime	
011AAA	Aldicarb sulfoxide CAS: 1646-87-3	
011AA	Aldoxycarb (ANSI) 2-methyl-2-(methylsulfonyl)propanal-O-[(methylamino)carbonyl]oxime Sulfocarb Standak UC 21865 Aldicarb sulfone Temik sulfone CAS: 1646-88-4 SHA: 110801	
012	Aldrin (ANSI) Hexachlorohexahydro-endo,exo-dimethanonaphthalene (95% and related compounds 5%) Seedrin CAS: 309-00-2 SHA: 045101 CFR: 180.135	
	Alfa-tox	342
	Algicide 106L	437
012B	Aliette Fosetyl-Aluminum Aluminum tris(o-ethylphosphonate) Rhone-Poulenc Efosite-Al LS 74783 Phosethyl Al CAS: 39148-24-8 SHA: 123301 CFR: 180.415	

CASWELL#	CHEMICAL	X-REFEREN
	Aliquat 21	621
012A	Alkenyl*-amine o-phenylphenate *(C8-C18)	
012C	Alkenyl*-dimethyl ammonium acetate *(75% C18, 25% C16) SHA: 169104	
012D	Alkenyl*-dimethyl ammonium chloride *(75% C18, 25% C16) SHA: 212400	
012G	Alkenyl*-dimethyl ethyl ammonium bromide *(75% C13, 25% C16) SHA: 069198	
012I	Alkenyl*-dimethyl ethyl ammonium bromide *(75% C18, 25% C16) SHA: 069193	
013	Alkenyl*-dimethyl ethyl ammonium bromide *(90% C18, 10% C16) CAS: 6458-13-5 SHA: 069102	
012E	Alkenyl*-dimethyl ethyl ammonium chloride *(75% C18, 25% C16)	
012H	3-Alkoxy*-2-hydroxypropyl trimethyl ammonium chloride *(C12-C15) Visco 1152 (part, see casw 507)	
013D	Alkyl*-alkaline soaps *(mixed C8)	
013A	Alkyl*-amine acetate *(8% C8, 7% C10, 48% C12, 18% C14, 9% C16, 10% C18) CAS: 61790-60-1 SHA: 067303	
013B	Alkyl*-amine hydrochloride *(fatty acids of coconut oil) SHA: 069152	
013C	Alkyl amine surfactants	

CASWELL#	CHEMICAL	X-REFERENCI
014	1-(Alkylamino)-3-aminopropane Alkyl-1,3-propylenediamine *(fatty acids of coconut oil) Onyxide CAS: 61791-63-7 SHA: 067301	
014AB	1-(Alkyl*-amino)-3-aminopropane benzoate *(fatty acids of coconut oil) CAS: 68188-29-4 SHA: 067307	
014AC	1-(Alkyl*-amino)-3-aminopropane diacetate *(fatty acids of coconut oil) SHA: 067313	
014AD	1-(Alkyl*-amino)-3-aminopropane hydroxyacetate *(fatty acids of coconut oil) CAS: 68155-43-1 SHA: 067309	
014A	1-(Alkyl*-amino)-3-aminopropane monoacetate *(fatty acids of coconut oil) Duomeen CAS: 61791-64-8 SHA: 067302	
014B	1-(Alkyl*-amino)-3-aminopropane propionate-copper Acetate complex *(fatty acid of coconut oil) SHA: 067304	
014C	Alkyl*-amino betaine *(46% C12, 24% C14, 10% C16, 8% C10, 7% C8, 5% C18) SHA: 169131	
	1-(Alkyl*-amino)-3-(2-cyanoethylamino)propane	26688
015G	Alkyl benzene sulfonate	
015H	2-Alkyl*-1-benzyl-1-(2-hydroxyethyl)-2-imidazolinium chloride *(fatty acids of coconut oil) Uniquat CB 50 1-(2-Hydroxyethyl)-1-benzyl-2-alkyl imidazolinium chloride	
015I	2-Alkyl*-1-benzyl-1-(2-hydroxyethyl)-2-imidazolinium nitrate *(C11-C17)	

CASWELL#	CHEMICAL	X-REFEREN
015	Alkyl*-benzyl trimethyl ammonium chloride *(56% C12, 27% C11, 9% C13, 4% C10, 3% C14, 1% C15) SHA: 069103	
015J	Alkyl*-bis(2-hydroxyethyl) ammonium acetate *(fatty acids of coconut oil)	
015A	Alkyl*-bis(2-hydroxyethyl) benzyl ammonium chloride *(1% C8, 57% C10, 20% C12, 11% C14, 2% C16, 9% C18) CAS: 68410-70-8 SHA: 169128	
015K	Alkyl*-bis(2-hydroxyethyl) benzyl ammonium chloride *(fatty acids of coconut oil) CAS: 61789-68-2	
015M	Alkyl*-bis(2-hydroxyethyl) methyl ammonium chloride *(7% C8, 6.5% C10, 53% C12, 19% C14, 8.5 C16, 6% C18) CAS: 71808-53-2	
015L	Alkyl*-bis(2-hydroxyethyl) methyl ammonium chloride *(fatty acids of coconut oil) CAS: 70750-47-9	
015N	2-Alkyl*-1-(4-chlorobutyl)-1-(2-hydroxyethyl)-2-imidazolinium chloride *(C6-C17)	
015F	Alkyl diethanolamine	
015B	Alkyl*-diethylenetriamine *(80% C12, 15% C14, 5% C10) CAS: 4182-44-9 SHA: 215300	
015C	Alkyl*-(dihydroxethyl) methyl ammonium chloride *(from coconut oil) CAS: 70750-47-9 SHA: 069148	
015P	Alkyl*-dihydroxy-ethylamine oxide *(50% C12, 27% C14, 10% C16, 8% C10, 5% C8)	
015D	Alkyl dimethylamine	
015E	Alkyl*-dimethyl amine oxide *(C6-C18)	

CASWELL#	CHEMICAL	X-REFEREN
016	Alkyl dimethyl benzyl ammonium chloride Dearicide 732 Culversan LC80 Roccal Mist L0491 Bio-guard RD10 Claire disinfectant ArcoCide B-261 Arquad DCMB	
016I	Alkyl*-dimethyl benzyl ammonium chloride *(100% C14) Benzyl dimethyl tetradecyl ammonium chloride Roccal MC-14 Compound 2421 CAS: 139-08-2 SHA: 069107	
016K	Alkyl*-dimethyl benzyl ammonium chloride *(100% C16) CAS: 122-18-9 SHA: 069108	
016II	Alkyl*-dimethyl benzyl ammonium chloride *(68% C12, 32% C14) 4WC317 (part, see casw 266BB, 016C & 019FF)	
016CC	Alkyl*-dimethyl benzyl ammonium chloride *(70% C12, 30% C14)	
016BB	Alkyl*-dimethyl benzyl ammonium chloride *(90% C14, 5% C12, 5% C16)	
016J	Alkyl*-dimethyl benzyl ammonium chloride *(93% C14, 4% C12, 3% C16) CAS: 68424-85-1 SHA: 069158	
016Q	Alkyl*-dimethyl benzyl ammonium chloride *(95% C14, 3% C12, 2% C16) SHA: 069184	
016B	Alkyl*-dimethyl benzyl ammonium chloride *(67% C12, 27% C14, 6% C16) CAS: 68424-85-1 SHA: 069142	

CASWELL#	CHEMICAL	X-REFERENC
016DD	Alkyl*-dimethyl benzyl ammonium chloride *(68% C12, 25% C14, 7% C16)	
016R	Alkyl*-dimethyl benzyl ammonium chloride *(50% C11, 40% C12, 10% C16)	
016E	Alkyl*-dimethyl benzyl ammonium chloride *(50% C14, 40% C12, 10% C16) Hyamine 3500 TBQ (part, see casw 095) CAS: 68424-85-1 SHA: 069105	
016F	Alkyl*-dimethyl benzyl ammonium chloride *(58% C14, 28% C16, 14% C12) CAS: 68424-85-1 SHA: 069141	
016L	Alkyl*-dimethyl benzyl ammonium chloride *(60% C14, 25% C12, 15% C16) CAS: 68424-85-1 SHA: 069137	
016M	Alkyl*-dimethyl benzyl ammonium chloride *(60% C14, 30% C16, 10% C12) CAS: 111-98-8 SHA: 069161	
016EE	Alkyl*-dimethyl benzyl ammonium chloride *(65% C12, 23% C14, 12% C16)	
016H	Alkyl*-dimethyl benzyl ammonium chloride *(65% C12, 25% C14, 10% C16) CAS: 68424-85-1 SHA: 069157	
016C	Alkyl*-dimethyl benzyl ammonium chloride *(60% C14, 30% C16, 5% C12, 5% C18) 4WC317 (part, see casw 019FF, 016C & 016II) BTC 776 BX-673 Haflow 2170 (part, see casw 019FF) BTC 824 Slimicide CAS: 53516-76-0 SHA: 069104	

CASWELL#	CHEMICAL	X-REFERENC
016HH	Alkyl*-dimethyl benzyl ammonium chloride *(70% C12, 24% C14, 5% C16, 1% C10)	
016GG	Alkyl*-dimethyl benzyl ammonium chloride *(41% C14, 28% C12, 19% C18, 12% C16)	
016G	Alkyl*-dimethyl benzyl ammonium chloride *(50% C12, 30% C14, 17% C16, 3% C18) Roccal benzalkonium chloride *(fatty acids of coconut) CAS: 8001-54-5 SHA: 069106	
016O	Alkyl*-dimethyl benzyl ammonium chloride *(55% C16, 20% C14, 20% C12, 5% C18) CAS: 68391-01-5 SHA: 069169	
016FF	Alkyl*-dimethyl benzyl ammonium chloride *(61% C12, 23% C14, 11% C16, 5% C18)	
016D	Alkyl*-dimethyl benzyl ammonium chloride *(61% C12, 23% C14, 11% C16, 2 1/2% C8+C10, 2 1/2 % C18) CAS: 61789-71-7 SHA: 069140	
016AB	Alkyl*-dimethyl benzyl ammonium chloride *(67% C12, 24% C14, 9% C10-C18) CAS: 63449-41-2 SHA: 069143	
016N	Alkyl*-dimethyl benzyl ammonium chloride *(47% C12, 18% C14, 10% C16, 10% C18, 15% C5-C15) SHA: 069168	
016AA	Alkyl*-dimethyl benzyl ammonium dichloroiso-cyanurates *(60% C14, 30% C16, 6% C12, 4% C18) SHA: 214700	
016JJ	Alkyl*-dimethyl benzyl ammonium saccharinate *(50% C14, 40% C12, 10% C16) CAS: 68989-01-5	
017	Alkyl*-dimethyl benzyl dimethyl ammonium chloride *(50% C12, 30% C14, 17% C16, 3% C18) BTC 927 CAS: 8045-22-5 SHA: 069109	
016A	Alkyl*-dimethyl benzyl saccharinate *(50% C14, 40% C12, 10% C16) CAS: 68989-01-5 SHA: 069171	

CASWELL#	CHEMICAL	X-REFERENC
	Alkyl*-dimethyl cumenyl ammonium chloride	019CC
018D	Alkyl*-dimethyl-3,4-dichlorobenzyl ammonium chloride *(85% C16, 15% C18)	
018BG	Alkyl*-dimethyl-3,4-dichlorobenzyl ammonium chloride *(C12, 23% C14, 14% C16)	
018C	Alkyl*-dimethyl-3,4-dichlorobenzyl ammonium chloride *(90% C14, 5% C12, 5% C16) CAS: 68989-02-6 SHA: 069145	
018BF	Alkyl*-dimethyl-3,4-dichlorobenzyl ammonium chloride *(68% C12, 27% C14, 5% C16)	
018BA	Alkyl*-dimethyl-3,4-dichlorobenzyl ammonium chloride *(50% C14, 40% C12, 10% C16)	
018AA	Alkyl*-dimethyl-3,4-dichlorobenzyl ammonium chloride *(60% C12, 25% C14, 15% C16)	
018BD	Alkyl*-dimethyl-3,4-dichlorobenzyl ammonium chloride *(65% C12, 25% C14, 10% C16)	
018BE	Alkyl*-dimethyl-3,4-dichlorobenzyl ammonium chloride *(60% C14, 30% C16, 10% C12)	
018A	Alkyl*-dimethyl-3,4-dichlorobenzyl ammonium chloride *(50% C12, 30% C14, 17% C16, 3% C18) Dynium Tetrosan CAS: 8023-53-8 SHA: 069110	
018AB	Alkyl*-dimethyl-3,4-dichlorobenzyl ammonium chloride *(55% C14, 23% C12, 20% C16, 2% C18)	
018B	Alkyl*-dimethyl-3,4-dichlorobenzyl ammonium chloride *(61% C12, 23% C14, 11% C16, 5% C18) SHA: 069144	
018BC	Alkyl*-dimethyl 3,4-dichlorobenzyl ammonium chloride *(65% C12, 22% C14, 10% C16, 3% C18)	
019G	Alkyl*-dimethyl dimethylbenzyl ammonium chloride *(68% C12, 32% C14) SHA: 169159	
018F	Alkyl*-dimethyl ethyl ammonium bromide *(90% C14, 5% C16, 5% C12)	

CASWELL#	CHEMICAL	X-REFERENC
018E	Alkyl*-dimethyl ethyl ammonium bromide *(fatty acids of soybean) CAS: 61788-99-6	
019F	Alkyl*-dimethyl ethylbenzyl ammonium chloride *(68% C12, 32% C14) BTC 2125M (50%) BX 673 Slimicide (part, see casw 016C) Naflow 2170 (part, see casw 016C) CAS: 85409-23-0 SHA: 069154	
019FF	Alkyl*-dimethyl ethyl benzyl ammonium chloride *(68% C12, 32% C14) BTC 2125M (50%) BX 673 Slimicide (part, see 016C) Naflow 2170 (part, see 016C)	
019GG	Alkyl*-dimethyl ethylbenzyl ammonium chloride *(60% C14, 30% C16, 5% C12, 5% C18)	
019	Alkyl*-dimethyl ethylbenzyl ammonium chloride *(50% C12, 30% C14, 17% C16, 3% C18) BTC 471 CAS: 8045-21-4 SHA: 069111	
019A	Alkyl*-dimethyl ethylbenzyl ammonium cyclohexyl sulfamate *(50% C12, 30% C14, 17% C16, 3% C18) Onyxide 172 CAS: 71808-54-3 SHA: 069135	
019C	Alkyl*-dimethyl isopropylbenzyl ammonium chloride *(60% C14, 30% C16, 5% C12, 5% C18) BTC 877	
019CC	Alkyl*-dimethyl isopropylbenzyl ammonium chloride *(50% C12, 30% C14, 17% C16, 3% C18) Alkyl*-dimethyl cumenyl ammonium chloride	
019D	Alkyl*-dimethyl-1-naphthylmethyl ammonium chloride *(98% C12, 2% C14) BTC 1100 CAS: 53516-75-9 SHA: 069112	

CASWELL#	CHEMICAL	X-REFEREN
019DD	Alkyl -dimethyl trichlorobenzyl ammonium chloride *(50% C14, 40% C12, 10% C16)	
019E	Alkyl -dipropoxyamine *(47% C12, 18% C14, 10% C18, 9% C10, 8% C8, 8% C18) SHA: 067308	
019EE	Alkyl -dodecylbenzyl dimethyl ammonium chloride *(70% C12, 30% C14)	
019EF	Alkyl -dodecylbenzyl dimethyl ammonium chloride *(67% C12, 33% C16)	
020A	Alkyl -esters of glycerol *(C1-C18)	
019H	Alkyl ethoxylates I(262 I(263	
019B	Alkyl*-ethyl cycloimidinium-3-hydroxy-3-ethyl sodium alcoholate, 2-methyl sodium carboxylate-tridecyl polyoxyethylene ethanol-iodine complex *(C12) SHA: 046906	
020	Alkyl*-N-ethyl morpholinium ethyl sulfate *(92% C18, 8% C16) CAS: 61791-34-2 SHA: 069113	
020B	Alkyl*-N-ethyl morpholinium ethyl sulfate *(1% C14, 25% C16, 8% C18, 66% C18-unsat.)	
020C	Alkyl*-ethyl-1,3-propanediamine *(fatty acids of cottonseed oil)	
021	2-Alkyl*-1-(2-hydroxyethyl)-2-imidazoline acetate *(fatty acid of tall oil) 2-Alkyl*-2-imidazoline-1-ethanol acetate *(fatty acid of tall oil) (CA) SHA: 046601	
020D	2-Alkyl*-1-(2-hydroxyethyl)-2-imidazoline *(fatty acid of tall oil)	
020E	2-Alkyl*-1-hydroxyethyl-2-imidazoline phosphate *(100% C13) 2-Tridecyl-2-imidazoline-1-ethanol phosphate	
021B	Alkyl* 5-hydroxy-4-oxo-2(4H)-pyranyl methyl dimethylammonium chloride *(8% C8, 7% C10, 49% C12, 17% C14, 9% C16, 1[illegible] C18)	
021A	α-Alkyl*-Ω-hydroxy polyoxyethylene *(C14-C15) CAS: 68131-40-8 SHA: 079084	

CASWELL#	CHEMICAL	X-REFEREN
021C	α-Alkyl*-Ω-hydroxy poly(oxyethylene)-ethanol-iodine complex *(C12-C15)	
	2-Alkyl*-2-imidazoline-1-ethanol acetate *(fatty acid of tall oil)	021
022	2-Alkyl*-isoquinolinium bromide *(50% C12, 30% C14, 17% C16, 3% C18) Isothan Q CAS: 53466-68-5 SHA: 069115	
023	Alkyl*-methyl isoquinolinium chloride *(55% C14, 25% C12, 17% C16, 3% C18) 2-Alkyl*-1,2,3,4-tetrahydro-2-methylisoquinolinium chloride (CA) SHA: 069116	
023AA	Alkyl modified polyvinyl pyrrolidone	
023AC	Alkyl Oligosaccharides	
023BB	Alkyl* poly(oxypropylene)poly(oxyethylene)-iodine complex *(C12-C15)	
023C	Alkyl*-1,3-propanediamine adipate *(fatty acid of coconut oil) Dearicide CAS: 61791-64-8 SHA: 067313	
023A	Alkyl*-1,3-propanediamine *(7% C8, 6.5% C10, 53% C12, 19% C14, 8.5% C16, 6% C18) CAS: 61791-58-0 SHA: 067305	
023B	Alkyl* 1,3-propanediamine diacetate *(1% C12, 3% C14, .5% C15, 2% C16, 1% C17, 23% C18, 37% C18', 1.5% C18'') SHA: 067306	
023CC	N-Alkyl*-1,3-propylenediamine adipate *(fatty acid of coconut oil) Techni-kill 618 CAS: 68155-42-0	
	Alkyl-1,3-propylenediamine *(fatty acids of coconut oil)	014
023I	α-Alkyl*-sulfate isopropylamine *(C8-C18)	

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CASWELL#
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                                              CHEMICAL                                                       X-REFERE
---------------------------------------------------------------------------------------------------------------------------
        | 2-Alkyl*-1,2,3,4-tetrahydro-2-methylisoquinolinium chloride
        |
 023D   | Alkyl*-tributyl phosphonium chloride *(95% C12, 3% C14, 2% C10)                                  | 023
        |     Car-ban PQ-412                                                                             |
        |     CAS: 13497-50-2                                                                            |
        |     SHA:  223500                                                                               |
        |                                                                                                |
 023EA  | Alkyl*-trimethyl ammonium bromide *(95% C14, 5% C16)                                           |
        |     CAS: 1119-97-7                                                                             |
        |     SHA:  069153                                                                               |
        |                                                                                                |
 023EC  | Alkyl*-trimethyl ammonium bromide *(67% C16, 14% C14, 3% C12 + C18)                            |
        |     CAS: 68424-92-0                                                                            |
        |     SHA:  169132                                                                               |
        |                                                                                                |
 023EB  | Alkyl*-trimethyl ammonium bromide *(50% C12, 30% C14, 15% C16, 3% C18, 2% C8)                  |
        |     CAS: 68424-92-0                                                                            |
        |     SHA:  069163                                                                               |
        |                                                                                                |
 023FF  | Alkyl*-trimethyl ammonium chloride *(70% C12, 30% C14)                                         |
        |                                                                                                |
24 023FC | Alkyl*-trimethyl ammonium chloride *(90% C18, 10% C16)                                        |
        |     CAS: 61790-41-8                                                                            |
        |     SHA:  069151                                                                               |
        |                                                                                                |
 023FE  | Alkyl*-trimethyl ammonium chloride *(70% C18, 27% C16, 3% C14)                                 |
        |                                                                                                |
 023FD  | Alkyl*-trimethyl ammonium chloride *(58% C18, 40 % C16, 1% C14, 1% C12)                        |
        |                                                                                                |
 023FB  | Alkyl*-trimethyl ammonium chloride  *(cottonseed oil)                                          |
        |     CAS: 68002-61-9                                                                            |
        |     SHA:  069139                                                                               |
        |                                                                                                |
 023AD  | Alkyl* trimethylammonium chloride (*fatty acid of coconut oil)                                 |
        |     CAS: 61789-18-2                                                                            |
        |                                                                                                |
 023FA  | Alkyl*-trimethyl ammonium chloride *(fatty acids of soya)                                      |
        |     CAS: 61790-41-8                                                                            |
        |     SHA:  169158                                                                               |
        |                                                                                                |
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CASWELL#	CHEMICAL	X-REFEREN
023FAX	Alkyl trimethylenediamine	
023G	Alkyl trimethylenediamine adipate CAS: 68526-76-1 SHA: 223800	
023H	Alkyl-triphenyl phosphonium chloride (95% C12, 3% C14, 2% C10) C r-ban PQ-612 SHA: 223900	
024	Allantoin CAS: 97-59-6 SHA: 085701	
025	Allethrin Pallethrine Pynamin CAS: 584-79-2 SHA: 004001	
025A	d-trans-Allethrin DL-2-Allyl-4-hydroxy-3-methyl-2-cyclopenten-1-one,d-trans-chrysanthemum monocarboxylic ester Bioallethrin Esbiothrin Esbiol S-bioallehtrin CAS: 28057-48-9 SHA: 004003 CFR: 180.113	
025B	d-cis,trans-Allethrin Pynamin Forte d-Allehtrin Allethrin Forte CAS: 42534-61-2	
	d-Allethrin	025B

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CASWELL#	CHEMICAL	X-REFEREN
	Allethrin Forte	0258
	d-Allethrolone, d-trans chrysanthemic acid of	220D
	1-Allethrolone, d-trans chrysanthemic acid of	220E
	d-Allethrolone, 1-trans chrysanthemic acid of	220F
	1-Allethrolone, 1-trans chrysanthemic acid of	220G
	d-Allethrolone, d-cis chrysanthemic acid of	220H
	1-Allethrolone, d-cis chrysanthemic acid of	220I
	d-Allethrolone, 1-cis chrysanthemic acid of	220J
	1-Allethrolone, 1-cis chrysanthemic acid of	220K
	Allidochlor	284
025AA	Alloxydim 2-(1-Allyl-oxyaminobutylidene-5,5-dimethyl-4-methoxy carbonyl cyclohexane-1,3-dione, sodium salt 6,6-Dimethyl-2,4-dioxo-3-[1-[(2-propenyloxy)amino]butylidene]cyclohexanecarboxylic acid methyl ester, sodium salt Clout Fervin Kusagard NP 48 Grassip CAS: 55635-13-7 SHA: 112601	
	Alltex	861
	Ally	419H
026	Allyl alcohol (CA) 2-Propene-1-ol CAS: 107-18-6 SHA: 068401	

CASWELL#	CHEMICAL	X-REFERENC
	1-Allyl-1-(3,7-dimethyloctyl)piperidinium bromide	373B
	DL-2-Allyl-4-hydroxy-3-methyl-2-cyclopenten-1-one, d-trans-chrysanthemum monocarboxylic ester	025A
	Allyl isosulfocyanate	027
027	Allyl isothiocyanate Allyl isosulfocyanate CAS: 57-06-7 SHA: 004901	
	4-Allyl-1,2-(methylenedioxy)benzene	729
	2-(1-Allyl-oxyaminobutylidene-5,5-dimethyl-4-methoxy carbonyl cyclohexane-1,3-dione, sodium salt	025AA
	4-Allylveratrole	579AB
	Allyxycarb	283A
	Alodan	477A
027A	Alorac (ANSI) (Z)-2,3,5,5,5-Pentachloro-4-oxo-2-pentenoic acid	
	Alphachloralose	876AA
	Alphakil	876AA
	Alsystin	217C
	Altacide	753
027B	Alternaria cassiae Mycogen	
	Altorick	896J

CASWELL#	CHEMICAL	X-REFEREN
028AAA	Altosid Methoprene (ANSI) Isopropyl-(E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate ZR-515 CAS: 40596-69-8 SHA: 105401 CFR: 180.359	
	Alugan	116
028C	Alumino silicate	
029B	Aluminum alkoxides	
029	Aluminum chloride CAS: 7446-70-0 SHA: 013901	
029A	Aluminum chlorohydroxy allantoinate CAS: 1317-25-5	
030A	Aluminum hydroxide CAS: 21645-51-2	
030	Aluminum hydroxybenzenesulfonate CAS: 53404-15-2 SHA: 079001	
031	Aluminum phosphide Phostoxin Delicia Phosphine CAS: 20859-73-8 SHA: 066501 CFR: 180.225	
028A	Aluminum (powder) CAS: 7429-90-5 SHA: 000111	

CASWELL#	CHEMICAL	X-REFEREN
031A	Aluminum sulfate CAS: 10043-01-3 SHA: 013906	
	Aluminum tris(o-ethylphosphonate)	012B
	Amaze	447AB
	Ambush	652BB
031B	Ambylospora aedis Microsporidium 1316	
	Amchem 3-CP	206
	Amdon	039
	Amdro	642AB
	Amerstat 274	437
	Ametrex	431
	Ametryn	431
	Amex 820	125E
	Amiben	168A
	Amical 48	353B
	Amical 77	207AB
033	Amidithion (ANSI) S-[[(2-Methoxyethyl)carbamoyl]methyl]-O,O-dimethyl-phosphorodithioate O,O-Dimethyl phosphorodithioate, S-ester with 2-mercapto-N-(2-methoxyethyl)acetamide Thiocron Sophamide CAS: 919-76-6 SHA: 059601	

CASWELL#	CHEMICAL	X-REFERE
	Amidochlor	005B
033A	Aminacrine hydrochloride CAS: 134-50-9 SHA: 055503	
	Aminoacetic acid	470D
033AA	2-Amino benzimidazole	
033B	p-Aminobenzoic acid CAS: 150-13-0 SHA: 233300	
033G	o-Aminobenzoic acid SHA: 233300	
	p-Amino-benzoic acid, monoglyceryl ester	469B
033BB	5-Amino-1,3-bis(2-ethylhexyl)-5-methylhexahydropyrimidine Hexetidine P 252	
033C	5-Amino-4-bromo-2-phenyl-3(2H)-pyridazinone Brompyrazon (ISO) CAS: 3042-84-0 SHA: 208200	
	2-Aminobutane	125
	Aminocarb	360
033F	2-Amino-4-chloro-6-ethylamino-s-triazine G-28279	
	2-Amino-6-chloro-4-(isopropylamino)pyrimidine	195F
	5-Amino-4-chloro-2-phenyl-3(2H)-pyridazinone	714C

CASWELL#	CHEMICAL	X-REFEREN
	3-Amino-2,5-dichlorobenzoic acid	168A
	3-Amino-2,5-dichlorobenzoic acid, ammonium salt	168B
	3-Amino-2,5-dichlorobenzoic acid, diethanolamine salt	168BB
	3-Amino-2,5-dichlorobenzoic acid, methyl ester	168E
	3-Amino-2,5-dichlorobenzoic acid, monomethyl ammonium salt	168C
	3-Amino-2,5-dichlorobenzoic acid, sodium salt	168D
	7-Amino-2,3-dihydro-2,2-dimethylbenzofuran	463G
033E	2-Amino-4,5-dihydro-6-methyl-4-propyl-s-triazolo-(1,5-A)-pyrimidin-5-one ICI 63197 PP 769	
033L	4-Amino-6-(1,1-dimethylethyl)-3-(ethylthio)-1,2,4-triazin-5(4H)-one Ebuzin Bay SMY 1500 Tycor	
033D	4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one (CA*) 4-Amino-6-tert-butyl-3-(methylthio)-as-triazin-5(4H)-one Metribuzin (ISO,BSI) Lexone Sencor Bay 94337 CAS: 21087-64-9 SHA: 101101 CFR: 180.332	
033I	2-Amino-5,6-dimethyl-4-hydroxy-pyrimidine R 31680	
033J	2-Amino-5,6-dimethyl-pyrimidine-4-yl-dimethyl carbamate R 35140	

CASWELL#	CHEMICAL	X-REFERE
033K	Aminoethyl ethanolamine salts	
033H	5-Amino-3-ethyl-2-methyl-4-nitro-6-trifluoromethyl benzimidazole	
036	2-Amino-2-(hydroxymethyl)-1,3-propanediol (CA)	
	2-(Hydroxymethyl)-2-amino-1,3-propanediol	
	CAS: 77-86-1	
	SHA: 083901	
037B	2-Amino-N-isopropyl benzamide	
	4-Amino-3-methyl benzoic acid	1191
037C	Aminomethyl phosphonic acid	
	CAS: 1066-51-9	
	SHA: 207800	
037	2-Amino-2-methyl-1-propanol (CA)	
	CAS: 124-68-5	
	SHA: 005801	
	N-[2-Amino-3-nitro-5-(trifluoromethyl)-phenyl]-2,2,3,3-tetrafluoro-propanimide	419AA
	para-Aminophenylarsonic acid	056A
037A	p-(5-Amino-3-phenyl-lH-1,2,4-triazol-1-yl)-N,N,N',N'-tetramethyl phosphonic diamide	
	Triamiphos (ISO,BSL)	
	Wepsyn	
	CAS: 1031-47-6	
	SHA: 237200	
038	4-Aminopyridine	
	Avitrol 200	
	4-AP	
	Phillips 1861	
	Compound 1861	
	CAS: 504-24-5	
	SHA: 069201	
	CFR: 180.312	

CASWELL#	CHEMICAL	X-REFEREN
	4-Amino-6-tert-butyl-3-(methylthio)-as-triazin-5(4H)-one	033D
	3-Amino-s-triazole	040
	2-Amino-3-(1,2,4-triazol-1-yl)-propanoic acid	862B
039A	4-Amino-3,5,6-trichloropicolinic acid, isooctyl ester	
	4-Amino-3,5,6-trichloropicolinic acid, potassium salt	663C
	4-Amino-3,5,6-trichloropicolinic acid, triisopropanolamine salt	663CD
	4-Amino-3,5,6-trichloropicolinic acid, trimethylamine salt	663CC
	Aminozide	808
	3-Amino-1,2,4-triazole	040
039	4-Amino-3,5,6-trichloropicolinic acid Picloram (ANSI) Tordon Amdon CAS: 1918-02-1 SHA: 005101 CFR: 180.292	
	Amiprofos-methyl	573NN
	Amito	333D
	Amito hydrogen oxalate	333E
	Amitraz	374A

CASWELL#	CHEMICAL	X-REFERE
040	Amitrole (ANSI) 3 Amino-s-triazole (CA) 3 Amino-1,2,4-triazole Weedazol Cytrol CAS: 61-82-5 SHA: 004401	
	Amitrol-T	048AA
	Amizine	740
	Ammat	047
	Ammo	271DD
041	Ammonia CAS: 7664-41-7 SHA: 005302	
041D	Ammoniacal copper quaternary	
041A	mix of Ammoniates of [ethylenebis)dithiocarbamato)]zinc with ethylenebis[dithiocarbamic acid], bi and trimolec. cyc. anhydro & disulfide Polyram Metiram CAS: 9006-42-2 SHA: 014601 CFR: 180.217	
041B	Ammonium alum CAS: 7784-25-0 SHA: 098501	
041C	Ammonium arsenite	
042A	Ammonium carbamoyl phosphate	
042	Ammonium carbonate CAS: 506-87-6 SHA: 073501	

CASWELL#	CHEMICAL	X-REFEREN
042B	Ammonium chloride CAS: 12125-02-9	
042C	Ammonium citrate CAS: 7632-50-0	
	Ammonium ethyl carbamoyl phosphonate	465G
	Ammonium ethyl hydrogen (aminocarbonyl) phosphonate	465G
043	Ammonium fluosilicate CAS: 16919-19-0 SH : 075301	
044	Ammonium hydroxide CAS: 1336-21-6 SH : 005301	
044A	Ammonium hydroxide - C8 fatty acid silver complex Ag san CN-O SH : 244200	
	Ammonium ichthosulfonate	497
044AA	Ammonium isobutyrate AI GR 9234 CAS: 22228-82-6 SH : 101501	
044B	Ammonium lauryl sulfate CAS: 2235-54-3 SH : 079028	
044C	Ammonium nitrate CAS: 13446-48-5 SH : 076201	

CASWELL#	CHEMICAL	X-REFERE
045	Ammonium nitrite CAS: 6484-52-2 SHA: 076101	
046C	Ammonium oleate CAS: 544-60-5	
046A	Ammonium oxalate CAS: 1113-38-8	
045B	Ammonium polyphosphate	
045A	Ammonium polysulfides CAS: 9080-17-5 SHA: 076701	
045AA	Ammonium soaps of higher fatty acids Binder	
046	Ammonium succinate CAS: 2226-88-2 SHA: 077801	
047	Ammonium sulfamate (CA) Ammate AMS CAS: 7773-06-0 SHA: 005501 CFR: 180.188	
048	Ammonium sulfate (CA) CAS: 7783-20-2 SHA: 005601	
048B	Ammonium tetrathiocarbonate	

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CASWELL#	CHEMICAL	X-REFERENC
048AA	Ammonium thiocyanate Amitrol-T Radozone TL Trans-aid CAS: 176-95-4	
048A	Ammonium thiosulfate CAS: 7783-18-8 SHA: 080103	
049	Ammonium trichloroacetate (CA) CAS: 7646-88-0 SHA: 076801	
	Amobam	286
	AMS	047
049A	Amyl acetate 1-Pentanol acetate CAS: 628-63-7 SHA: 000169	
	Γ-n-Amyl butryolactone	352F
	n-Amyl mercaptan	642A
050	p-tert-Amylphenol 4-(1,1-Dimethylpropyl)phenol CAS: 80-46-6 SHA: 064101	
050A	p-tert-Amylphenol, potassium salt 4-(1,1-Dimethylpropyl)phenol, potassium salt CAS: 53404-18-5 SHA: 064111	

CASWELL#	CHEMICAL	X-REFERENC
050B	p-tert-Amylphenol, sodium salt 4-(1,1-Dimethylpropyl)phenol, sodium salt CAS: 31366-95-7 SHA: 064112	
049AA	Amyl salicylate	
051	Anabasine (CA) CAS: 494-52-0 SHA: 006001	
051A	Ancymidol (ANSI) α-Cyclopropyl-α-(p-methoxyphenyl)-5-pyrimidinemethanol A-rest EL 531 Quel CAS: 12771-68-5 SHA: 108601	
051F	Andrestenol CAS: 53-43-0 SHA: 126510	
051G	Androsterone CAS: 53-41-8 SHA: 126501	
051B	Anethole CAS: 104-46-1 SHA: 015604	
	Anfor	470A
051H	Anhydrous ammonia CAS: 7664-41-7	
	Anilazine	302

CASWELL#	CHEMICAL	X-REFERENC
051C	Aniline CAS: 62-53-3 SHA: 251400	
	Anilino acid	217AC
051D	Anilinocadmium dilactate CAS: 19651-91-3 SHA: 064601	
	Animert	213
051E	Anisic aldehyde	
	Anisuron	322A
	Aniten	130B
	Anofex	308
	Ansar 157	580C
	Ansar 170	582
	Ansar 184	405
	Antene	931
	Anthio	366C
	Anthon	385
052	Anthracene oil CAS: 65996-91-0 SHA: 006101	
	Anthrallone	052A

CASWELL#	CHEMICAL	X-REFERENC
	Anthrarel	052A
052A	Anthraquinone 9, 0-Dioxoanthracene Anthrapel Anthradione Morkit Hoelite Corbit CA : 84-65-1 SH : 122701	
	Anticarie	477
053B	Antifoam emulsion Q-75	
053D	Antifoam emulsion Q-93	
053A	Antifoam emulsion Q-94	
053G	Antifoam emulsion Q-101	
053I	Antifoam emulsion Q-132	
053H	Antifoam emulsion SWS-203	
053E	Antifoam emulsion SWS-211	
053F	Antifoam emulsion SWS-213	
053C	Antifoam emulsion SWS-214	
053	Antimony potassium tartrate Tartar emetic (CA) CAS : 28300-74-5 SHA : 006201 CFR : 180.179	

CASWELL#	CHEMICAL	X-REFERENC
052B	Antimycin A CAS#: 1397-94-0 SH#: 006314	
	Antor	179D
	ANTU	028
	4-AP	038
	Apollo	593A
	Aquacide	402
	Aqualin	009
	Aquashade	007A
	Aquathol	421
	Aracide	131
	Aramite	131
	Arasan	856
	Arathane	391D
	Arbanol Dee	333C
	ArcoCide B-261	016
	A-rest	051A
	Aroclor	672A

CASWELL#	CHEMICAL	X-REFEREN
055E	Aromatic oils Sure Sol 145 Sure Sol 190 Aromatic petroleum hydrocarbon CAS: 68602-80-2	
054	Aromatic petroleum derivative solvent CAS: 68477-31-6 SHA: 006501	
055	Aromatic petroleum distillate CAS: 68602-80-2 SHA: 006601	
	Aromatic petroleum hydrocarbons	055E
	Arosurf 66-E2	678E
	Arquad DCMB	016
	Arresin	207D
	Arsan	133
056A	Arsanilic acid para-Aminophenylarsonic acid	
056	Arsenic acid (CA) Orthoarsenic acid CAS: 7778-39-4 SHA: 006801 CFR: 180.180	
057	Arsenic pentoxide CAS: 1303-28-2 SHA: 006802	
058	Arsenic sulfide CAS: 1303-32-8 SHA: 006901	

CASWELL#	CHEMICAL	X-REFEREN
059	Arsenic trioxide Arsenous oxide White arsenic CAS: 1327-53-3 SHA: 007001	
060	Arsenosobenzene CAS: 637-03-6 SHA: 007101	
	Arsenous oxide	059
060B	Arthrobotrys amerospora Nemagard SHA: 124501	
060E	Aryl formaldehyde-urea condensates	
060D	Aryl sulfonate formaldehyde condensate	
060C	Aryl sulfonates	
061A	Asafetida CAS: 9000-04-8 SHA: 261200	
	Asarinin	098A
061	Asbestos CAS: 1332-21-4 SHA: 099301	
061B	Ascorbic acid CAS: 50-81-7	
062	Asphal CAS: 8052-42-4 SHA: 022001	

CASWELL#	CHEMICAL	X-REFERE
	Aspo	845A
	Aspo	930
	Assert	003G
	Assure	215D
062A	Asulam (ANSI) Methyl sulfanilylcarbamate Asulox Asulox F onnix CAS: 3337-71-1 SHA: 106901 CFR: 180.360	
062B	Asulam, sodium salt Methyl sulfanilylcarbamate, sodium salt Asulox, sodium salt CAS: 2302-17-2	
	Asulox	062A
	Asulox F	062A
	Asulox, sodium salt	062B
	Asuntol	335
	AT3 5206	584C
	ATCC 20358	226AA
	ATCC 20475	883AA
	ATCC 207476	883AB

CASWELL#	CHEMICAL	X-REFERE
	Athidathion	344H
	Atratol	063
	Atraton	430B
063	Atrazine (ANSI)	
	2-Chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine	
	Aatrex	
	Vectal SC	
	Atratol	
	Gesaprim	
	Primatol A	
	CAS: 1912-24-9	
	SHA: 080803	
	CFR: 180.220	
	Atrinal	098AA
063D	Attaclay uncoated ground sierra cote	
063A	Auramine	
	CAS: 492-80-8	
	SHA: 039501	
	Aureomycin	219B
	Avadex	299
	Avadex BW	870A
	Avenge	363A
063AB	Avermectin B1	
	Abamectin (ANSI)	
	CAS: 65195-55-3	
	SHA: 122804	

CASWELL#	CHEMICAL	X-REFERE
	Avitrol 100	604AA
	Avitrol 200	038
	Azaconazole	321A
	Azacosterol	286A
	9-Aza-1,17-diguanidinoheptadecanetriacetate	471C
	Azad iactin	594A
	Azak	294
063C	Azetidine-3-carboxylic acid HA-811 D 84811 AS: 36476-78-5 HA: 128830	
063B	2-Azido-4-(isopropylamino)-6-(methylthio)-s-triazine ziprotryne (ISO, BSI) AS: 4658-28-0 HA: 263301	
	Azim thiphos	167B
	Azinphos ethyl	344
	Azinphos methyl	374
	Aziprotryne	063B
	Azit iram	408B

CASWELL#	CHEMICAL	X-REFERE
064	Azobenzene (CA) zofume enzofume zobenzide AS: 103-33-3 HA: 007401	
	Azobenzide	064
	Azocyclotin	884AA
	Azodrin	377
	Azofume	064
064A	Azone N-Lauryl caprolactam	
	Azothoate	206A
	B 10	613CA
	B 1776	864
067B	B.T. Kurstaki	
	Baam	374A
	Bacdip	625G
067	Bacillus popilliae and B. lentimorbus SHA: 054501	
066A	Bacillus sphaericus SHA: 119801	
066C	Bacillus subtilis	

CASWELL#	CHEMICAL	X-REFERENC
	Bacillus Thuringiensis varieties kurstaki	066
066	Bacillus thuringiensis berliner Bacillus thurlengiensis varieties kurstaki (ANSI) Bakthane Larvatrol Thuricide Dipel BTB Agritol CAS: 68038-71-1 SHA: 006401	
066E	Bacillus Thuringiensis (delta endotoxin) Delta endotoxin	
066G	Bacillus thuriengiensis genetically altered	
066B	Bacillus thuringiensis israelensis SHA: 006401	
066F	Bacillus Thuringiensis Tenebrionis	
065	Bacitracin CAS: 1405-87-4 SHA: 006302	
066D	Bacitracin methylene disalicylate	
	Bakthane	066
	Balan	130
	Banamite	081E
	Bandane	673
	Ban-Hoe	510

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Command:>set print off
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CASWELL#                                    CHEMICAL                                             X-REFERENC
-----------------------------------------------------------------------------------------------------------
         | Banol                                                                               | 219
         |                                                                                     |
         | Bantrol                                                                             | 353A
         |                                                                                     |
         | Banvel D                                                                            | 295
         |                                                                                     |
         | Banvel 2S                                                                           | 295B
         |                                                                                     |
         | Banvel T                                                                            | 869
         |                                                                                     |
         | Baquacil SB                                                                         | 676
         |                                                                                     |
  068    | Barban (ANSI)                                                                       |
         |     4-Chloro-2-butynyl-m-chlorocarbanilate                                          |
         |     Carbyne                                                                         |
         |     CAS: 101-27-9                                                                   |
         |     SHA: 017601                                                                     |
         |     CFR: 180.268                                                                    |
         |                                                                                     |
  068A   | Barium acetate                                                                      |
         |                                                                                     |
  069    | Barium carbonate                                                                    |
         |     CAS: 513-77-9                                                                   |
         |     SHA:  007501                                                                    |
         |                                                                                     |
  070    | Barium fluosilicate                                                                 |
         |     CAS: 17125-80-3                                                                 |
         |     SHA:  075302                                                                    |
         |                                                                                     |
  071    | Barium metaborate                                                                   |
         |     CAS: 13701-59-2                                                                 |
         |     SHA:  011101                                                                    |
         |                                                                                     |
  071B   | Barium sulfate                                                                      |
         |     CAS: 7727-43-7                                                                  |
         |     SHA:  007502                                                                    |
         |                                                                                     |
         | Baron                                                                               |
         |                                                                                     | 425
                                                                                               |
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CASWELL#	CHEMICAL	X-REFERE
	Baron	425
071AA	Barthrin 6-Chloropiperonyl-2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate CAS: 70-43-9 SHA: 218400	
	BAS 514 16H	325A
	Basagran, sodium salt	509C
	Basalin	460B
	Basamaize	714BB
	BAS 392-D-4	388AB
	BAS 339F	907B
	BAS 352F	323C
	BAS 35204F	323C
	Basfapon	273
	Basfitox	481AA
	BAS 351H	509C
074B	BAS 517H	
	BAS 2903H	714BB

CASWELL#	CHEMICAL	X-REFEREN
072A	BAS 9052H 2-[(1-Ethoxyimino)butyl]-5-[(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one Sethoxydim (ISO) Poast NABU NP 55 CAS: 74051-80-2 SHA: 121001 CFR: 180.412	
073A	BAS 2631 Cloethocarb Lance	
071A	Basic copper arsenate CAS: 16102-92-4 SHA: 271300	
072	Basic copper chloride CAS: 1332-40-7 SHA: 008001	
073	Basic copper sulfate (declare copper equivalent) CAS: 1332-03-2 SHA: 008101	
073B	Basic cupric zinc sulfate complex (declare copper and zinc equivalents) CAS: 55072-57-6	
	Basudin	342
	BAS 083W	380AB
	Bay 73	314
	Bay 13/59	385
	Bay 5212	309AB

CASWELL#	CHEMICAL	X-REFERE
	Bay 9015	3068
	Bay 10756	279
	Bay 17147	374
	Bay 18510	427B
	Bay 21/116	455B
	Bay 21/199	335
	Bay 22/190	201
	Bay 22555	359B
	Bay 25141	343
	Bay 29493	456F
	Bay 30911	323A
	Bay 33172	465D
	Bay 36205	576
	Bay 37289	456A
	Bay 37344	578B
	Bay 38819	091A
	Bay 39007	508
	Bay 39731	512B
	Bay 41831	373

CASWELL#	CHEMICAL	X-REFEREI
	Bay 44646	360
	Bay 49854	309AB
	Bay 58733	878A
	Bay 68138	453A
	Bay 71628	378A
	Bay 74283	081B
	Bay 77488	902L
	Bay 78182	219C
	Bay 78537	160A
	Bay 80833	323B
	Bay 92114	447AB
	Bay 93820	574B
	Bay 94337	033D
	Bay 628363	350A
	Baycor	087AA
	Bayer 5630	579AA
	Bayer AG	883A
	Bay FCR 1272	266E
	Baygon	508

CASWELL #	CHEMICAL	X-REFEREN
	Bay KWG 0519	074A
	Bayleton	862AA
	Bayluscide	314
	Bay NTN 9306	453AA
	Bay NTN 19701	638A
	Bay SIR 8514	217C
	Bay SMY 1500	033L
074A	Baytan Bay KWG 0519 Triadimenol CAS: 55219-65-3 SHA: 127201	
	Baytex	458F
	Baythion	902L
	Baythroid	266E
	BBP	125B
074C	Beacon Methyl 2-[[[[4,6-Bis(Difluoromethoxy)-2-Pyrimidinyl]Amino]Carbonyl]Amino]Sulfonyl]Benzoate 3-[4,6-Bis(Difluoromethoxy)-pyrimidiny-2-yl]-1-(2-methoxy carbonylphenyl-sulfonyl)-urea CGA-136872 Primisulfuron-methyl CAS: 8609-51-0	
	Bear skunk	119D
074D	Beauveria Bassiana CAS: 63428-82-0	

CASWELL#	CHEMICAL	X-REFEREN
	Beclene 310	380C
	Beet-Kleen	510
	Benalaxyl	471AC
	Benax 2-A-1 (part, see casw 407 & 961)	403
	Benax 2-A-1 (part, see casw 961 & 403)	407
	Benazolin	202A
	Benazolin ethyl ester	202B
	Bencarb	207DA
	Bendichlor (withdrawn)	154A
	Bendiocarb	360B
	Benefin (withdrawn)	130
	Benfluralin	130
075F	Benfluthrine 2,3,5,6-Tetrafluorophenyl methyl ester-3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylic acid Nak-4455	
	Benlate	075A
	Benodanil	501AB
075A	Benomyl (ANSI) Methyl-1-(butylcarbamoyl)-2-benzimidazolecarbamate Methyl-[1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]carbamate (CA*) Benlate Dupont 1991 Tersan CAS: 17804-35-2 SHA: 099101 CFR: 180.294	

CASWELL#	CHEMICAL	X-REFERE
	Benomyl (R)	883AB
075B	Benquinox 1,4-Benzoquinone-1-benzoylhydrazone-4-oxime CAS: 495-73-8 SHA: 281100	
	Bensulfuron-methyl	359H
	Bensulide	357
	Bentazon	509C
	Benthiocarb	207DA
	Bentone SD1	075BB
075BB	Bentonite Bentone SD1 CAS: 1302-78-9 CFR: 180.1001	
075E	Bentonite-dialkyl ammonium chloride-4-oxime	
	Benzac	873
075C	Benzadox (ANSI) Benzamidooxyacetic acid S 7173 Topcide CAS: 5251-93-4 SHA: 275400	
075D	Benzadox, ammonium salt Benzamidooxyacetic acid, ammonium salt CAS: 5251-79-6 SHA: 098201 CFR: 180.270	

CASWELL#	CHEMICAL	X-REFEREN
076	Benzaldehyde (CA)	
	CAS: 100-52-7	
	SHA: 008601	
	Benzamidooxyacetic acid	075C
	Benzamidooxyacetic acid, ammonium salt	075D
	Benzamorf	413OG
	Benzam (withdrawn)	079D
077	Benzene	
	CAS: 71-43-2	
	SHA: 008801	
077A	Benzeneacetic acid, 4-chloro(α-1-ethyl)-cyano(3-phenoxyphenyl) methyl ester	
	4-(Difluoromethoxy)-a-(1-methylethyl), (+-) ester with (+-) cyano-(3-phenoxymethyl) ester	
	2-[p-(Difluoromethoxy)phenyl]-3-methylbutyric acid (+-) ester with α-cyano-m-phenoxybenzyl alcohol]	
	Pydrin	
	Fenvalerate	
	Sumicidin	
	Ectrin	
	CAS: 51630-58-1	
	SHA: 109301	
	CFR: 180.379	
	Γ-Benzene hexachloride	527
079	Benzene hexachloride (all isomers)	
	BHC	
	Hexachlorocyclohexane	
	CAS: 608-73-1	
	CFR: 180.140	
	Benzenepropanenitrile, 4-chloro-β-(1-methylethyl)-α-(3-phenoxyphenyl)	731-I

CASWELL#	CHEMICAL	X-REFEREN
322	2,4-Benzenesulfonic acid, 2,4-dichlorophenyl ester Genite 923 CAS: 97-16-5 SHA: 031001	
	Benzilan	434
079B	Benzimidazole Carbamic acid	
079E	Benzimidazole carbamic acid, methyl ester, 5-hydroxy 5-HBC Methyl-5-hydroxy-2-benzimidazole carbamate CAS: 10605-21-7	
079C	2-Benzimidazole carbamic acid, methyl ester 2-Methylbenzimidazole carbamate Methyl-2-benzimidazole carbamate hydrogen chloride MBC INE 965 Carbendazim CAS: 83601-81-4 SHA: 210500	
079D	Benzipram (ANSI) 3,5-Dimethyl-N-(1-methylethyl-N-(phenylmethyl)benzamide N-Benzyl-N-isopropyl-3,5-dimethylbenzamide Benzam (withdrawn) CAS: 35256-86-1 SHA: 279300	
079A	1,2-Benzisothiazolin-3-one (CA) Proxel	
	Benzocaine	430A
080A	Benzodihydropyran	
	Benzoepin	420

CASWELL#	CHEMICAL	X-REFERENC
080B	Benzofluor (ANSI) N [4-(Ethylthio)-2-(trifluoromethyl)phenyl]methanesulfonamide 4 -(Ethylthio)-alpha,alpha,alpha-trifluoromethanesulfono-o-toluidine	
	Benzo ume	064
081	Benzoic acid (CA) CAS: 65-85-0 SHA: 009101	
	Benzoic acid, 2[[[[N-4-methoxy-6-methyl-1,3,5-triazin-2-yl]-N-methylamino]carbonyl]amino]sulfonyl], methyl ester	419S
	Benzomarc	081DE
	Benzomate	188GG
	Benzophenone-6	353C
081G	Benzophenone, 4-hydroxy-4-N-octoxy CAS: 119-61-9 SHA: 000315	
	2,3-Benzopyrole	498B
	1,4-Benzoquinone-1-benzoylhydrazone-4-oxime	075B
081A	1,4-Benzoquinone, semicarbazone Quinazamid (ISO,BSI) SHA: 281200	
	2-Benzothiazolethiol	541
081B	1-Benzothiazol-2-yl-1,1'-dimethylurea Methabenzthiazuron (ISO,BSI) Tribunil Ba 74283 CAS: 18691-97-9 SHA: 281300	

CASWELL#	CHEMICAL	X-REFERE
081C	1-Benzothiazol-2-yl-3-methylurea Benzthiazuron (ISO,BSI) CAS: 1929-88-0 SHA: 281400	
	(2-Benzothiazolylthio)methyl thiocyanate	853A
081D	4-Benzothienyl methylcarbamate Mobam MC-A-600 CAS: 1079-33-0 SHA: 090401	
	Benzoximate	188GG
	N-Benzoyl-N-(3-chloro-4-fluorophenyl)alanine	903I
081E	Benzoyl chloride 2,4,6-trichlorophenylhydrazone (CA) Banamite U 27415 CAS: 25939-05-3 SHA: 281600	
	N-Benzoyl-N-(3,4-dichlorophenyl)alanine, ethyl ester	431AA
081DE	1-Benzoyl-1-(3,4-dichlorophenyl)-3,3-dimethylurea Phenobenzuron (ISO,BSI) N-(3,4-Dichlorophenyl)-N-(dimethylcarbamoyl)benzamide Benzomarc SHA: 281500	
	Benzoylprop-ethyl	431AA
	Benzthiazuron	081C
081EA	Benzyl acetate	
081EE	Benzyladenine CAS: 1214-39-7 SHA: 116901 CFR: 180.376	

CASWELL#	CHEMICAL	X-REFERE
	N6-Benzyladenine	657S
081F	Benzyl alcohol CAS: 100-51-6 SHA: 009502	
082	Benzyl benzoate CAS: 120-51-4 SHA: 009501	
082A	Benzyl bromoacetate Merbac 35 CAS: 5437-45-6 SHA: 008710	
083	o-Benzyl-p-chlorophenol 4 Chloro-α-phenyl-o-cresol, 2-benzyl-4-chlorophenol Chlorophen CAS: 120-32-1 SHA: 062201	
083A	o-Benzyl-p-chlorophenol, potassium salt CAS: 35471-49-9 SHA: 062202	
083B	o-Benzyl-p-chlorophenol, sodium salt Sodium-o-benzyl-p-chlorophenate CAS: 3184-65-4 SHA: 062203	
083BB	Benzyl diethyl 2,6-xylylcarbamoyl methyl ammonium benzoate Denatonium benzoate Bitrex CAS: 3734-33-6 SHA: 009106	
	Benzyl dimethyl tetradecyl ammonium chloride	0161

CASWELL#	CHEMICAL	X-REFERE
082AA	S-Benzyl-N,N-di-sec-butyl thiocarbamate	
	S-Phenylmethyl-N,N-bis(1-methylpropyl)carbamothioate	
	Tiocarbazil	
	Tiocarbenil	
	Thiocarbazil	
	Drepamon	
	CAS: 36756-79-3	
	SHA: 110701	
083D	Benzyl (dodecylcarbamoylmethyl) dimethyl ammonium chloride	
	CAS: 100-95-8	
	SHA: 069159	
083G	S-Benzyl-N-ethyl-N-(1,2-dimethylpropyl)thiocarbamate	
	E-5-Benzyl-3-furylmethyl-cis-2,2-dimethyl-(3)-dihydro-thien-2'-one-3'-ylidinyl cyclopropane carboxylate	516AA
	5-Benzyl-3-furylmethyl-(+)cis,(1R,3S,E)-2,2-dimethyl-3-(2-oxo-2,3,4,5-tetrahydrothiophenylidenemethyl) cyclopropanecarboxylate	516AA
083E	[5-(Benzyl-3-furyl)methyl-2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate	
	[5-(Phenylmethyl)-3-furanyl]methyl-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate	
	Resmethrin (ANSI)	
	Bioresmethrin (d trans isomer)	
	NIA 17370	
	Synthrin	
	Cismethrin	
	SBP-1382	
	CAS: 10453-86-8	
	SHA: 097801	
	S,S'-Benzylidene bis(O,O-dimethyl phosphorodithioate	408CC
	N-Benzyl-N-isopropyl-3,5-dimethylbenzamide	079D
083EE	N-Benzyl-N-isopropyltrimethylacetamide	
	2,2-Dimethyl-N-(1-methylethyl)-N-(phenylmethyl)propanamide	
	Butam (ANSI)	
	S 15544	
	CAS: 35256-85-0	
	SHA: 219500	

CASWELL#	CHEMICAL	X-REFEREN
083F	N-Benzyl-9-(tetrahydro-2-H-pyran-2-yl)adenine Accel CAS: 2312-73-4 SHA: 110001	
081H	Benzyl tris(2-hydroxyethyl) ammonium chloride CAS: 7006-60-2	
084	Beta-Butoxy β'-thiocyano diethyl ether Lethane 384 2-(2-Butoxyethoxy)ethylthiocyanate CAS: 112-56-1 SHA: 010002	
	Betanal	6488
	Betanex	447AAA
	Betasan	357
085	Beta-thiocyanoethyl esters of mixed fatty acids containing 10 to 18 carbon chains Lethane 60 CAS: 301-11-1 SHA: 010101	
	Bethrodine	130
	BHC	079
	BHT	291A
	Bidrin	376
	Bifenox	561AA

CASWELL#	CHEMICAL	X-REFERE
086	**Binapacryl (ANSI)** 2-sec-Butyl-4,6-dinitrophenyl-3-methyl-2-butenoate Morocide Endosan HOE 2784 Dinoseb methacrylate CAS: 485-31-4 SHA: 012201	
	Binnell	130
	Bioallethrin	025A
	S-Bioallethrin	025A
	Bioban CS 1135	892AB
086A	**Bioban CS-1246** 7-Ethyl-1,5-dioxa-3-azabicyclooctane CAS: 7747-35-5	
	Bioban P-1487	601A
	Biobor	627
	Biobor JF (Part, see cas# 627)	578G
	Biobor JF (Part, see Cas# 578G)	627
	Biocontrol-1	675G
	Bio-guard RD10	016
	Biomet 14	399C
	Biomet 204	896H
	Biomet 300	678BC

CASWELL #	CHEMICAL	X-REFEREN
	Biomycin	219B
	Bioquin	253
	Bioresmethrin (d trans isomer)	083E
	Biothion	845
	Biotrol	066
	Bioxone	549AA
	Biphenthrin	463F
087	Biphenyl (CA) Diphenyl CAS: 92-52-4 SHA: 017002 CFR: 180.141	
	(1,1'-Biphenyl)-2-ol	623AA
087AA	β-[(1,1'-Biphenyl)-4-yloxy]-α-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol Baycor CAS: 26532-25-2 SHA: 112403	
	Birlane	187
087A	Bis alkyl*-dimethyl ammonium chloride *(C8-C18)	
	N,N-Bis alkyl*-(2-hydroxyethyl)alkylamide *(C8-C18)	226C
087B	Bis(4-amino 3,5-diethylphenol)methane	
088	Bis(2 aminoethyl)borate CAS: 22232-01-5 SHA: 288100	

CASWELL#	CHEMICAL	X-REFEREN
	N,N-Bis[2-[bis(carboxymethyl)amino]ethyl]glycine, pentasodium salt	642B
089E	Bis-1 4-Bromoacetoxy-2-butene	
088A	1,4-Bis(bromoacetoxy)-2-butene 2 Butene-1,4-diol bis(bromoacetate) CAS: 20679-58-7 SHA: 035605	
	Bis[2 (2-butoxyethoxy)ethyl] acetal	669
089	2,3,4 5-Bis(delta-2-butylene)tetrahydro-2-furaldehyde MGK R-11 2,3,4,5-Bis(σ-2-butylene)tetrahydrofurfural CAS: 126-15-8 SHA: 043302	
	Bis(5 chloro-2-hydroxyphenyl)methane	563
089A	N,N-Bis(2-chloroethyl)-2,6-dinitro-p-toluidine Chlornidine Torpedo CAS: 26389-78-6 SHA: 289200	
	Bis(2 chloroethyl) ether	309
091	Bis(p chlorophenoxy)methane Neotran CAS: 555-89-5 SHA: 010701	
091A	O,O-Bis(p-chlorophenyl)acetimidoyl phosphoramidothioate (CA) O,O-Bis(4-chlorophenyl)-1-iminoethyl phosphoramidothioate (CA) Phosacetim (ISO) Gophacide Bay 38819 CAS: 4104-14-7 SHA: 018501	

CASWELL#	CHEMICAL	X-REFERENC
	1,1-Bis(p-chlorophenyl)ethanol	310
091B	2,2-Bis(4-chlorophenyl)ethanol CAS: 2642-82-2 SHA: 055002	
092	2,2-Bis(p-chlorophenyl)ethylacetate (CA) CAS: 3305-00-8 SHA: 044004	
	0,0-Bis(4-chlorophenyl)-1-iminoethyl phosphoramidothioate	091A
092A	1,1-Bis(p-chlorophenyl)-2-nitrobutane and 1,1-Bis(p-chlorophenyl)-2-nitropropane (CA) 2-Nitro-1,1-bis(p-chlorophenyl)butane and 2-nitro-1,1-bis(p-chlorophenyl)propane Dilan Bulan Prolan CAS: 117-26-0 SHA: 056602	
	3,6-Bis(2-chlorophenyl)-1,2,4,5-tetrazine	593A
093	1,1-Bis(chlorophenyl)-2,2,2-trichloroethanol Dicofol (ISO) 4,4'-Dichloro-a-(trichloromethyl)benzhydrol (CA) Kelthane CAS: 115-32-2 SHA: 010501 CFR: 180.163	
	2,3,4,5-Bis(delta-2-butylene)tetrahydrofurfural	089
093A	Bis[(dialkyl*oxy)phosphinothioyl] disulfide *(75% ethyl, 25% isopropyl) Phostex Niagara 1137 CAS: 69042-28-0 SHA: 293200	

CASWELL#	CHEMICAL	X-REFEREN
	Bis[(2,4-dichlorophenoxy)ethyl] phosphite	897
094	2,6-Bis[(dimethylamino)methyl]cyclohexanone CAS: 2478-21-9 SHA: 009701	
094AA	1,1'-Bis[(3,5-dimethylmorpholinocarbonyl)methyl]-4,4'-bipyridylium ion Morfamquat (ISO,BSI) CAS: 7411-47-4 SHA: 294400	
	Bis(dimethylthiocarbamoyl) disulfide	856
	1,2-Bis[3-(ethoxycarbonyl)-2-thioureido]benzene	344A
428A	N,N-Bis ethoxylated alkyl amine	
094A	2,4-Bis(ethylamino)-6-methoxy-s-triazine CAS: 673-04-1 SHA: 294200	
094B	2,4-Bis(ethylamino)-6-(methylthio)-s-triazine Simetryn (ISO) CAS: 1014-70-6 SHA: 294300	
	Bis-(2-ethyl hexyl)terephthalate	663B
	1,1-Bis(ethylphenyl)-2,2-dichloroethane	337
455AA	1,2-Bis(ethylsulfonyl)-1,2-dichloroethylene	
	Bis(ethylxanthic) disulfide	338
	Bis(4-fluorophenyl)methyl(1H-1,2,4-triazol-1-yl methyl)silane	419K
	N,N-Bis(2-hydroxyethyl)dodecanamide	519A

CASWELL#	CHEMICAL	X-REFERENC
	N,N-Bis(2-hydroxyethyl)lauramide	519A
	Bis(2-hydroxy-4-methoxy-phenyl)methanone	353C
	1,3-Bis(hydroxymethyl)-5,5-dimethyl-2,4-imidazolidinedione	273AB
621C	N,N-Bis(Ω-hydroxypolyethylene)ethylalkyl*-amine oxide *(C8-C18)	
095	N,N-Bis(2-Ω-hydroxypoly(oxyethylene)ethyl) alkyl*amine *(fatty acids of coconut oil) TBQ (part, see casw 016E)	
096	2,4-Bis(isopropylamino)-6-methoxy-s-triazine (CA) Prometon (ANSI) Pramitol Prometone G-31435 Gesafram CAS: 1610-18-0 SHA: 080804	
097	2,4-Bis(isopropylamino)-6-(methylthio)-s-triazine (CA) Prometryn (ANSI) Caparol Gesagard Primatol Q G-34161 CAS: 7287-19-6 SHA: 080805 CFR: 180.222	
	Bis[3-(methoxycarbonyl)-2-thioureido]benzene	375A
	2,2-Bis(p-methoxyphenyl)-1,1,1-trichloroethane (88% and related compounds 12%)	550
098	2,4-Bis[(3-methoxypropyl)amino]-6-(methylthio)-s-triazine (CA) Lambast MPMT CAS: 845-52-3 SHA: 082701	

CASWELL#	CHEMICAL	X-REFERE
098A	2,6-Bis[3,4-(methylenedioxy)phenyl]-3,7-dioxabicyclo[3.3.0] octane Sesamin Asarinin CAS: 7076-24-6 SHA: 298400	
098AA	2,3',4,6-Bis-O-(1-methylethylidene)-α-L-xylo-2-hexulofuranosonic acid, sodium salt Atrinal CAS: 52508-35-7 SHA: 109601	
	2,3:4,6-Bis-O-(1-methylethylidene)-alpha-L-xylo-2-hexulofuranosonic acid	357C
098B	Bismuth subgallate CAS: 18228-26-7 SHA: 098601	
	α,α,α-Bis(P-chlorophenyl)-3-pyridine methanol	637A
	Bis(pentachloro-2,4-cyclopentadien-1-yl),1,1',2,2',3,3',4,4',5,5'-decachloro-bi-2,4-cyclopentadien-1-yl	274
	N,N-Bis(phosphonomethyl)glycine	471A
099	trans-1,2-Bis(propylsulfonyl)ethylene (CA) [(E)-1,2-Bis(propylsulfonyl)ethylene, (E)-1,1'-[1,2-ethenediylbis(sulfonyl]bis[propane] (CA*) Vancide PA CHE 1843 Preseed CAS: 1113-14-0 SHA: 011701	
	[(E)-1,2-Bis(propylsulfonyl)ethylene, (E)-1,1'-[1,2-ethenediylbis(sulfonyl]bis[propane]	099
099B	Bis(tert-butylsulfinyl)methane	
100A	Bis(tert-butylsulfinyl)methane (mixed isomers)	
099A	Bis(tributyltin) adipate CAS: 7437-35-6 SHA: 083117	

CASWELL#	CHEMICAL	X-REFEREN
100	Bis(tributyltin) dodecenylsuccinate CAS: 12379-54-3 SHA: 083101	
101	Bis(tributyltin) oxide TBTO CAS: 56-35-9 SHA: 083001	
102	Bis(tributyltin) salicylate CAS: 22330-14-9 SHA: 083102	
102A	Bis(tributyltin) succinate CAS: 4644-96-6 SHA: 083103	
102B	Bis(tributyltin) sulfide CAS: 4808-30-4 SHA: 083113	
102C	Bis(tributyltin) sulfosalicylate CAS: 4419-22-1 SHA: 083104	
103	1,3-Bis(2,2,2-trichloro-1-hydroxyethyl)urea (CA) Dichloral urea DCU Crag Herbicide 2 CAS: 116-52-9 SHA: 203100	
104	Bis(trichloromethyl) sulfone CAS: 3064-70-8 SHA: 035601	
105	Bis(tripropyltin) oxide CAS: 1067-29-4 SHA: 083201	

CASWELL#	CHEMICAL	X-REFERE
	Bithionol	852
	Bitrex	08388
108	Bitumen CAS: 8052-42-4 SHA: 022002	
106A	Biuret	
	BKLF12	678D
	Black leaf 40 garden spray	597A
	Bladafum	837
	Bladex	188C
	Blattanex	508
	Blazer	755D
	B-Nine	808
	BNOA	591
	BNS	116B
	BOH	488A
	Boldo	486AB
	Bolero	207DA
	Bollex	562AA
	Bolstar	453AA

CASWELL#	CHEMICAL	X-REFERE
	Bomyl	367
	Bonaid	447AA
107	Bone oil CAS: 8001-85-2 SHA: 010801	
	Borascu	108
108	Borax Sodium tetraborate decahydrate Borascu Polybor 3 Boro-spray Neobor Tronabor CAS: 1303-96-4 SHA: 011102	
109	Boric acid CAS: 10043-35-3 SHA: 011001	
109B	Boric oxide CAS: 1303-86-2	
	Boro-spray	108
	Botran	311
109A	Branzcatechin 1,2-Dihydroxybenzene CAS: 108-46-3	
109C	Brevicomin 7-Ethyl-5-methyl-6,8-dioxabicyclo-(3.2.1)-octane CAS: 60018-04-4	

CASWELL#	CHEMICAL	X-REFERENC
	Brittox	119
	Brodan	219AA
	Brodifacoum	114AAA
	Brofene	114E
111	Bromacil (ANSI) 5-Bromo-3-sec-butyl-6-methyluracil (CA) Hyvar-X Uragan CAS: 314-40-9 SHA: 012301 CFR: 180.210	
111B	Bromacil, dimethylamine salt	
111A	Bromacil, lithium salt CAS: 53404-19-6 SHA: 012302	
111C	Bromacil, sodium salt CAS: 69484-12-4	
486AB	Bromadiolone (Hydroxy-4-coumarinyl-3)-3-phenyl-3-(bromo-4-biphenyl-4)-1-phenyl-4-Hydroxy-2H-1-benzopyran-2-one (ANSI) 3-[3-(4'-Bromo-[1,1'-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2H-1-benzopyran-2-one Boldo (ANSI) Meki Bromone Ratimus Super-caid CAS: 28772-56-7 SHA: 112001	
	Bromef or	426A

CASWELL#	CHEMICAL	X-REFERENC
	Bromethalin	561BB
	Bromfenim	287A
	Brominal	119
112	Bromine CAS: 7726-95-6 SHA: 008701	
112AA	Bromine chloride CAS: 13863-41-7 SHA: 020504	
	Brominil	119
112A	Bromoacetic acid CAS: 79-08-3 SHA: 008702	
113	4-(Bromoacetoxymethyl)-m-dioxolane 1,3-Dioxolane-4-methanol bromoacetate CAS: 5137-36-0 SHA: 008703	
114	1-(Bromoacetoxy)-2-propanol 1,2-Propanediol-1-(bromoacetate), propylene glycol CAS: 4189-47-3 SHA: 008704	
114AAA	3-[3-(4'-Bromo-[1,1'-biphenyl]-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl]-4-hydroxy-2H-1-benzopyran-2-one Brodifacoum (ANSI) PP 581 Talon WBA 8119 CAS: 56073-10-0 SHA: 112701	

CASWELL#	CHEMICAL	X-REFERE
114A/B	Bromo-4'-biphenyl-4-yl-3-tetrahydro-1,2,3,4-naptyl-1,3-hydroxy-4-2H-1-benzothiopyran-2 Difethialone	
	Bromobonil	286E
114G	2-Bromo-2-bromoethyl glutaronitrile Metacide 38 CAS: 35691-65-7 SHA: 111001	
	5-Bromo-3-sec-butyl-6-methyluracil	111
114A	1-Bromo-3-chloro-5,5-dimethylhydantoin CAS: 16079-88-2 SHA: 006315	
	1-Bromo-2-chloroethane	436B
	O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propyl phosphorothioate	266AA
	3-(4-Bromo-3-chlorophenyl)-1-methoxy-1-methylurea	173A
114B	7-Bromo-5-chloro-8-quinolinyl 2-propenoate Halocrinate (ISO PROP) CAS: 34462-96-9	
	Bromocyclen	116
	Bromodan	116
114D	O-(4-Bromo-2,5-dichlorophenyl)-O,O-diethylphosphorothioate (CA) Bromophos-ethyl (ISO) CAS: 4824-78-6 SHA: 214500	

CASWELL#	CHEMICAL	X-REFEREI
114E	O-(4-Bromo-2,5-dichlorophenyl)-O,O-dimethylphosphorothioate (CA)	
	Bromophos (ISO)	
	Brophene	
	Brofene	
	EL 400	
	CAS: 2104-96-3	
	SHA: 008706	
	O-(4-Bromo-2,5-dichlorophenyl)-O-methyl phenylphosphonothioate	525B
114F	5-Bromo-1,6-dihydro-6-oxo-1-phenyl-4-pyridazinyloxamic acid compound with 2-(dimethylamino)ethanol (1:1 by volume)	
	Oxapyrazon(e) (ISO,BSI)	
	Bromofenoxim	287A
	Bromofume	439
115	2-Bromo-4'-hydroxyacetophenone (CA)	
	Busan 90	
	CAS: 2491-38-5	
	SHA: 008707	
	5-Bromo-3-isopropyl-6-methyluracil	504
116	5-(Bromomethyl)-1,2,3,4,7,7-hexachloro-2-norbornene (CA)	
	Alugan	
	Bromocyclen (ISO,CAN)	
	Bromodan	
	CAS: 1715-40-8	
	SHA: 008705	
116AA	5-Bromo-2-methyl-5-nitro-1,3-dioxene	
	Nibroxane	
	CAS: 53983-00-9	
	SHA: 116101	
	Bromone	486AB

CASWELL#	CHEMICAL	X-REFERENC
116B	β-Bromo-β-nitrostyrene	
	Slime-trol	
	Giv-gard	
	BNS	
	Giv-cide BNS	
	CAS: 7166-19-0	
	SHA: 101401	
116A	2-Bromo-2-nitro-1,3-propanediol	
	Onyxide 500	
	2-Nitro-2-bromo-1,3-propanediol	
	Lexgard bronopol	
	Bronopol	
	CAS: 52-51-7	
	SHA: 216400	
	3-(p-Bromophenyl)-1-methoxy-1-methylurea	579A
	Bromophos	114E
	Bromophos-ethyl	114D
	Bromopropylate	511A
	3-Bromopropyne	705
118	Bromotrichloromethane	
	CAS: 75-62-7	
	SHA: 008708	
119	Bromoxynil (ANSI)	
	3,5-Dibromo-4-hydroxybenzonitrile	
	Brominal	
	Brominil	
	Buctril	
	Brittox	
	Nu-Lawn weeder	
	Oxytril M	
	CAS: 1689-84-5	
	SHA: 035301	
	CFR: 180.324	

CASWELL#	CHEMICAL	X-REFEREN
119E	Bromoxynil butyrate Bromoxynil butyric ester CAS: 3761-41-4 SHA: 035303	
119P	Bromoxynil, heptanoic acid ester	
119A	Bromoxynil octanoate 3,5-Dibromo-4-hydroxybenzonitrile octanoate Octanoic acid ester of 3,5-dibromo-4-hydroxybenzonitrile CAS: 1689-99-2 SHA: 035302	
119Q	Bromoxynil, Sodium salt	
	Brompyrazon	033C
	Bronopol	116A
	Broot	893A
	Brophene	114E
	BS-200	833
	BTB	066
	BTC 471	019
	BTC 776	016C
	BTC 811	613B
	BTC 82	016C
	BTC 87	019C
	BTC 92	017

CASWELL#	CHEMICAL	X-REFERE
	BTC 1100	019D
	BTC 2125M	019F
119AA	BTC 2125M Stetco Impact Staticide CAS: 41483-43-6	
	BTC 2125M (50%)	019FF
119H	BTS 24868 2,4-Xylidene	
119F	BTS 27271 N-(2,4-Diphenyl)-N'-methylformamidine	
	BTS 27419	374A
119G	BTS 27919 2,4-Dimethylphenyl formanilide 2,4-Dimethylaniline	
119J	BTS 28037	
119I	BTS 28369 4-Amino-3-methyl benzoic acid	
119K	BTS 29101	
119L	BTS 30559	
119M	BTS 30561	
119N	BTS 3[illegible]220	
	Bucarpolate	121A

CASWELL#	CHEMICAL	X-REFEREN
	Buctril	119
	Bufencarb	454C
	Bulan	092A
119AA/	Bupirimate (ANSI,ISO PROP) 5-Butyl-2-(ethylamino)-6-methyl-4-pyrimidinyl dimethylsulfamate Butrimate Nimrod PP 588 R 70588 CAS: 41483-43-6	
	Buquinolate	447AA
	Busan 72	853A
	Busan 76	266C
	Busan 77	678A
	Busan 79	6750D
	Busan 90	115
	Busan 1024	165H
	Busan 73 component	195D
	Busan 74 (part, see casw 495A)	853A
	Busan 74 (part, see casw 853A)	495A
	Busan 52 (part, see casw 853A)	487AB
	Busan 44	853A

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CASWELL#	CHEMICAL	X-REFERE
	Busan 52 (part, see casw 693B)	541C
	Busan 52 (part, see casw 541C)	693B
	Butacarb	291B
	Butacarboxim	578AA
119B	Butachlor (ANSI) N-(Butoxymethyl)-2-chloro-2',6'-diethylacetanilide Machete CP 53619 Butanex CAS: 23184-66-9 SHA: 112301	
	Butacide	670
	Butam	083EE
	Butanedioic acid mono-(2,2-dimethylhydrazide)	808
119D	1-Butanethiol Bear skunk CAS: 109-79-5 SHA: 125001	
	Butanex	119B
	Butanoic anhydride	132A
119C	sec-Butanol 2-Butanol CAS: 78-92-2 SHA: 001502	
	2-Butanol	119C

CASWELL#	CHEMICAL	X-REFERE
119R	Butathiofos O-(2-(1,1-Dimethylethyl)-5-pyrimidinyl)-O,O-diethylphosphorothioate	
120	2-Butene-1,4-diol CAS: 110-64-5 SHA: 220100	
	2-Butene-1,4-diol bis(bromoacetate)	088A
	Buthiazole	721A
	Buthidazole	721A
	Butocarboxim	578AAA
	Butonate	385A
	Butoxon	316
120A	Butoxycarboxim (ISO,BSI) 3-(Methylsulfonyl)-2-butanone-O-(methylcarbamoyl)oxime CAS: 34681-23-7 SHA: 113001	
121	2-Butoxyethanol Ethylene glycol, monobutyl ether CAS: 111-76-2 SHA: 011501	
121B	2-(2-Butoxyethoxy)ethanol Diethylene glycol, monobutyl ether CAS: 112-34-5	
121A	2-(2-Butoxyethoxy)ethyl ester of piperonylic acid Bucarpolate Piperonylic acid, diethylene glycol monobutyl ether ester CAS: 136-63-0 SHA: 221200	

CASWELL#	CHEMICAL	X-REFEREN
	2-(2-Butoxyethoxy)ethylthiocyanate	084
	Butoxyethyl-3,5,6-trichloro-2-pyridinyloxy acetate	419T
	N-(Butoxymethyl)-2-chloro-2',6'-diethylacetanilide	119B
	N-(Butoxymethyl)-2-chloro-N-[2-(1,1-dimethylethyl)-6-methylphenyl] acetamide	821C
	N-(Butoxymethyl)-6'-tert-butyl-2-chloro-o-acetoluidine	821C
123	Butoxypolypropoxypolyethoxyethanol-iodine complex CAS: 53467-10-0 SHA: 046901	
122	Butoxypolypropylene glycol Crag Fly Repellent Stabilene CAS: 9003-13-8 SHA: 011901	
	Butralin	125E
	Butrimate	119AAA
	Butrizol(e)	498A
	Buturon	207E
124	N-Butylacetanilide (CA) CAS: 91-49-6 SHA: 000401	
124A	tert-Butyl alcohol CAS: 71-36-3	

CASWELL#	CHEMICAL	X-REFERE
125	sec-Butylamine (CA)	
	2-Aminobutane	
	2-AB	
	Tutane	
	Frucote	
	CAS: 13952-84-6	
	SHA: 004214	
	CFR: 180.321	
	tert-Butylamine-2-pyridinethiol-1-oxide	621AA
125A	2-(sec-Butylamino)-4-chloro-6-(ethylamino)-s-triazine	
	Sebuthylazine (ISO)	
	GS 13528	
	CAS: 7286-69-3	
	SHA: 225200	
125B	2-(tert-Butylamino)-4-chloro-6-(ethylamino)-s-triazine	
	Terbuthylazine (ANSI)	
	GS 13529	
	Gardoprim	
	CAS: 5915-41-3	
	SHA: 080814	
	CFR: 180.333	
125C	2-(sec-Butylamino)-4-(ethylamino)-6-methoxy-s-triazine	
	N Ethyl-6-methoxy-N'-(1-methylpropyl)-1,3,5-triazine-2,4-diamine	
	2-Methoxy-4-(ethylamino)-6-(sec-butylamino)-s-triazine	
	Secbumeton (ANSI)	
	Terbut	
	Simitol	
	Isobumeton	
	Etazine	
	CAS: 26259-45-0	
	SHA: 331300	
	CFR: 180.323	

CASWELL #	CHEMICAL	X-REFERENC
125CC	2-(tert-Butylamino)-4-(ethylamino)-6-methoxy-s-triazine Terbumeton (ISO,BSI)	
125D	2-(tert-Butylamino)-4-(ethylamino)-6-(methylthio)-s-triazine Terbutryn (ANSI) GS 14260 Prebane Igran CAS: 886-50-0 SHA: 080813 CFR: 180.265	
	Butylate	434A
	Butylated hydroxytoluene	291A
125K	N-(p-tert-Butylbenzyl)-4-chloro-3-ethyl-1-methyl-pyrazole-5-carboxamide AC 801,757 MK-239	
125G	Butyl benzyl phthalate BBP CAS: 85-68-7	
125H	Butyl carbitol CAS: 112-34-5 SHA: 011502	
	Butylcarbityl-6-propylpiperonyl ether (80% of piperonyl butoxide)	670
126	6-tert-Butyl-4-chloro-m-cresol (CA) 2-tert-Butyl-4-chloro-5-methylphenol CAS: 30894-16-7 SHA: 226200	
	2-tert-Butyl-4-chloro-5-methylphenol	126
	3-tert-Butyl-5-chloro-6-methyluracil	821A

CASWELL#	CHEMICAL	X-REFERENC
125J	n-Butyl-chloroacetate	
	4-tert-Butyl-2-chlorophenyl methylmethylphosphoramidate	263A
127A	O-(4-tert-Butyl-2-chlorophenyl)-O-methylmethyl-phosphoramidothioate (CA) Narlene O-[2-Chloro-4-(1,1-dimethylethyl)phenyl]-O-methyl methylphosphoramidothioate Dowco 109 CAS: 2861-76-9	
	α-Butyl-α-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile	723K
127B	N-Butyl-N'-(4-chloro-o-tolyl)-N-methylformamidine Chloromebuform (ISO,BSI) SHA: 208400	
	2-tert-Butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-delta-2-1,3,4-oxadiazolin-5-one (see also caswell 357)	624A
	1-Butyl-3-(3,4-dichlorophenyl)-1-methylurea	594
128	Butyl-3,4-dihydro-2,2-dimethyl-4-oxo-2H-pyran-6-carboxylate (CA) Butyl dimethyl dihydro-Γ-pyrone carboxylate Butyl mesityl oxide oxalate Indalone CAS: 532-34-3 SHA: 046801	
128A	5-Butyl-2-(dimethylamino)-6-methyl-4-pyrimidinol Dimethirimol (BSI,ISO) CAS: 5221-53-4 SHA: 228200	
	Butyl dimethyl dihydro-Γ-pyrone carboxylate	128
128B	tert-Butyl dimethyltrithioperoxycarbamate R 55 tert-Butylsulfenyl dimethyldithiocarbamate CAS: 3304-97-0 SHA: 034807	

CASWELL#	CHEMICAL	X-REFEREN
128BP	2-tert-Butyl-4,6-dinitro-m-cresol Medinoterb (ISO,BSI) 6-tert-Butyl-3-methyl-2,4-dinitrophenol CAS: 3996-59-6 SHA: 228300	
	2-sec-Butyl-4,6-dinitrophenol	392DD
	2-tert-Butyl-4,6-dinitrophenol	392F
128D	2-sec-Butyl-4,6-dinitrophenolalkanolamine salts (ethanol & isopropanol series)	
	2-sec-Butyl-4,6-dinitrophenol, alkanolamine salts (ethanol & isopropanol series)	392DE
	2-sec-Butyl-4,6-dinitrophenol, ammonium salt	392DF
	2-sec-Butyl-4,6-dinitrophenol, diethanolamine salt	392DG
	2-sec-Butyl-4,6-dinitrophenol, sodium salt	392DH
128E	2-sec-Butyl-4,6-dinitrophenol, triethanolamine salt CAS: 6420-47-9 SHA: 037506	
	2-tert-Butyl-4,6-dinitrophenyl ethyl carbonate	392G
128F	2-sec-Butyl-4,6-dinitrophenyl isopropyl carbonate Dessin Dinobuton (ISO,BSI) UC 19786 CAS: 973-21-7 SHA: 228700	
	2-sec-Butyl-4,6-dinitrophenyl-3-methyl-2-butenoate	086
128FA	N-sec-Butyl-2,6-dinitro-3,4-xylidine AC 92,390 CAS: 40318-45-4 SHA: 228600	

CASWELL#	CHEMICAL	X-REFEREN
128G	S-tert-Butyl dipropylthiocarbamate R 1856 CAS: 2212-63-7 SHA: 228800	
	1,1'-(2-Butylene)bis(3,5,7-triaza-1-azoniaadamantane)	259AA
128GG	1,3-Butylene glycol	
128H	5-Butyl-2-(ethylamino)-4-hydroxy-6-methylpyrimidine Ethirimol (ISO,BSI) 5-Butyl-2-(ethylamino)-6-methyl-4-pyrimidinol Milgo Milstem PP 149 CAS: 23947-60-6 SHA: 228900	
	5-Butyl-2-(ethylamino)-6-methyl-4-pyrimidinol	128H
	5-Butyl-2-(ethylamino)-6-methyl-4-pyrimidinyl dimethylsulfamate	119AAA
129	2-Butyl-2-ethyl-1,3-propanediol 2-Ethyl-2-butyl-1,3-propanediol CAS: 115-84-4 SHA: 041003	
130	N-Butyl-N-ethyl-α,α,α-trifluoro-2,6-dinitro-p-toluidine Benfluralin (ISO) Balan Binnell Bethrodine Benefin (withdrawn) CAS: 1861-40-1 SHA: 084301 CFR: 180.208	
	4-Butyl-4H-1,2,4-triazole	498A

CASWELL#	CHEMICAL	X-REFEREN
130BB	tert-Butyl hydroperoxide Slimicide (see casw 019FF) DE 488 CAS: 75-91-2	
	tert-Butyl hydroquinone	821B
130A	Butyl-p-hydroxybenzoate Butyl paraben CAS: 94-26-8 SHA: 061205	
130B	Butyl-9-hydroxyfluorene-9-carboxylate Flurenol (ISO) Flurecol (BSI) Aniten CAS: 2314-09-2 SHA: 230300	
	Butyl mesityl oxide oxalate	128
	6-tert-Butyl-3-methyl-2,4-dinitrophenol	128BB
130D	Butyl-3-methyl-4-quinolinecarboxylate Methoquin-butyl CAS: 19764-43-3 SHA: 230500	
	Butyl paraben	130A
130E	p-tert-Butylphenol 4-(1,1-Dimethylethyl)phenol CAS: 98-54-4 SHA: 064113	
130F	p-tert-Butylphenol, potassium salt 4-(1,1-Dimethylethyl)phenol, potassium salt CAS: 3130-29-8 SHA: 064114	

CASWELL#	CHEMICAL	X-REFEREN
130G	p-tert-Butylphenol, sodium salt 4-(1,1-Dimethylethyl)phenol, sodium salt CAS: 5787-50-8 SHA: 064115	
130H	1-(p-tert-Butylphenoxy)-2-butyl-2-butynyl sulfite Do 48 CAS: 38827-71-3 SHA: 230900	
130I	2-(p-tert-Butylphenoxy)cyclohexyl-2-propynyl sulfite Propargite (ANSI) Omite Uniroyal D-014 CAS: 2312-35-8 SHA: 097601 CFR: 180.259	
	2-(4-tert-Butylphenoxy)isopropyl-2-chloroethyl sulfite	131
131	2-(p-tert-Butylphenoxy)-1-methylethyl 2-chloroethylsulfite (CA) 2-(4-tert-Butylphenoxy)isopropyl-2-chloroethyl sulfite Niagaramite Aracide Aramite CAS: 140-57-8 SHA: 062501 CFR: 180.107	
	α-Butyl-α-phenyl-1H-imidazole-1-propanenitrile	456EF
131AA	α-Butyl-α-phenyl-1H-imidazole-1-propanetrile CAS: 61019-78-1 SHA: 119101	
131B	Butyl phthalyl butyl glycolate CAS: 85-70-1	

CASWELL#	CHEMICAL	X-REFERE
	tert-Butylsulfenyl dimethyldithiocarbamate	1288
125E	N-sec-Butyl-4-tert-butyl-2,6-dinitrobenzamine	
	4-(1,1-Dimethylethyl)-N-(1-methylpropyl)-2,6-dinitrobenzenamine (CA*)	
	Butralin (ANSI)	
	Dibutalin	
	Amex 820	
	A 820	
	No-Crab	
	Tamex	
	CAS: 33629-47-9	
	SHA: 106501	
	CFR: 180.358	
	1-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea	366AA
	3-(5-tert-Butyl-1,3,4-thiazol-2-yl)-4-hydroxy-1-methy-2-imidazolidinone	721A
131A	S-[(tert-Butylthio)methyl]-O,O-diethyl phosphorodithioate (CA)	
	S-[[(1,1-Dimethylethyl)thio]methyl]-O,O-diethyl phosphorodithioate (CA*)	
	Terbufos (ANSI)	
	ST-100	
	Counter	
	AC 92,100	
	CAS: 13071-79-9	
	SHA: 105001	
	CFR: 180.352	
	(+-)-Butyl-2-[4[[(5-trifluoro-methyl)-2-pyridinyl]oxy]phenoxy]propanoate	460C
132C	Butynediol	
132D	2-Butynylene-bis-(N-3-chlorophenyl)carbamate	
	Butyrac	316
132F	Butyric acid	

CASWELL#	CHEMICAL	X-REFERE
132A	Butyric anhydride Butanoic anhydride CAS: 106-31-0 S A: 077705	
132B	Butyrolactone Γ Butyrolactone N Go CAS: 96-48-0 S A: 122303	
	Γ-Butyrolactone	132B
132E	beta-Butyrolactone CAS: 3068-88-0	
	Bux	454C
	BX-67	016C
	BX 677	019FF
	C 1983	217B
	C 2059	460A
	C 6313	173A
	C 6989	462AA
	C 8353	393A
	C 8514	174A
	C 9491	309B
	C 18893	380C

CASWELL#	CHEMICAL	X-REFERE
	CA 70203	890AA
133	Cacodylic acid Dimethylarsinic acid Phytar 560 Rad-E-Cate 35 Arsan Silvisar Hydrodimethylarsine oxide CAS: 75-60-5 SHA: 012501 CFR: 180.311	
133A	Cacodylic acid, sodium salt Dimethylarsinic acid, sodium salt Sodium cacodylate CAS: 124-65-2 SHA: 012502	
134	Cadmium-calcium-cobalt-zinc-chromate complex SHA: 021001	
134AA	Cadmium-calcium-copper-zinc-chromate complex Miller 531 Crag Turf Fungicide 531 CAS: 12001-20-6 SHA: 021006	
134B	Cadmium-calcium-copper-zinc-sulfate-chromate complex CAS: 12001-20-6	
134A	Cadmium carbonate CAS: 513-78-0 SHA: 012901	
135	Cadmium chloride CAS: 10108-64-2 SHA: 012902	

CASWELL#	CHEMICAL	X-REFERE
136	Cadmium-copper-calcium-chromate complex SHA: 021002	
136AA	Cadmium oxide CAS: 1306-19-0 SHA: 236200	
136A	Cadmium sebacate CAS: 4476-04-4 SHA: 012903	
136B	Cadmium succinate CAS: 141-00-4 SHA: 012904	
136C	Cadmium sulfate CAS: 10124-36-4 SHA: 012905	
	Calar	136D
136D	Calcium acid methanearsonate CMA Calar CAS: 5902-95-4	
137	Calcium arsenate Tricalcium arsenate CAS: 7778-44-1 SHA: 013501 CFR: 180.192	
138	Calcium arsenite Monocalcium m-arsenite CAS: 53404-59-4 SHA: 013602	
	Calcium carbimide	140

CASWELL#	CHEMICAL	X-REFERE
139	**Calcium carbonate** CAS: 471-34-1 SHA: 073502	
139A	**Calcium chlorate** CAS: 10137-74-3 SHA: 073302	
139B	**Calcium chloride** CAS: 10043-52-4	
140	**Calcium cyanamide** Calcium carbimide Cyanamide Cyanamid CAS: 156-62-7 SHA: 014001	
141	**Calcium cyanate** CAS: 6860-10-2 SHA: 068001	
142	**Calcium cyanide** Cyanogas CAS: 592-01-8 SHA: 074001 CFR: 180.125	
143	**Calcium ethylenebisdithiocarbamate** CAS: 5895-18-1 SHA: 014501	
144	**Calcium hydroxide** CAS: 1305-62-0 SHA: 075601	
145	**Calcium hypochlorite** CAS: 7778-54-3 SHA: 014701	

CASWELL#	CHEMICAL	X-REFEREN
145A	**Calcium hypochlorite-dodecylbenzene sulfonate complex** SHA: 245200	
146	**Calcium lignosulfonate** CAS: 8061-52-7 SHA: 115101	
146A	**Calcium naphthenate** CAS: 61789-36-4	
147	**Calcium nitrite** CAS: 13780-06-8 SHA: 076202	
147A	**Calcium oxide** CAS: 1305-78-8 SHA: 075604	
148	**Calcium phosphate** CAS: 7758-87-4 SHA: 076401	
148A	**Calcium phosphide** Polytanol CAS: 1305-99-3	
150	**Calcium polysulfide** CAS: 1344-81-6 SHA: 076702	
149	**Calcium propanearsonate** CAS: 126-94-3 SHA: 013801	
151	**Calcium propionate** CAS: 4075-81-4 SHA: 077701	

CASWELL#	CHEMICAL	X-REFERENC
151A	Calcium stearate	
	CAS: 1592-23-0	
152	Calcium sulfate	
	CAS: 7778-18-9	
	SHA: 005602	
152A	Calcium tetrathiocarbonate	
153	Calcium thiosulfate	
	CAS: 10124-41-1	
	SHA: 080101	
	Calo-clor	
	Calixin	544
	Calocure	386
154	Calomel	544
	Mercurous chloride	
	CAS: 10112-91-1	
154A	Cambendichlor (ANSI)	
	Phenylimino-di-2,1-ethanediyl bis(3,6-dichloro-2-methoxybenzoate	
	Phenyliminodiethylene-bis(3,6-dichloro-o-anisate) (CA)	
	Bendichlor (withdrawn)	
	Vel-4207	
	Camphechlor	
	Camphene (67%-69% chlorine)	861
155	Camphor	861
	CAS: 76-22-2	
	SHA: 015602	
156	Camphor oil	
	CAS: 76-22-2	
	SHA: 015602	

CASWELL#	CHEMICAL	X-REFERENC
156A	Canadian balsam CAS: 8007-47-4	
157	Cantharides CAS: 56-25-7 SHA: 013101	
	Cantrc	558
	Caparc	097
158	Capsaicin (in oleoresin of capsicum) 8-Methyl-N-vanillyl-6-nonenamide CAS: 404-86-4 SHA: 070701	
	Captafol	828
159	Captan (ANSI) N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide N-(Trichloromethylthio)tetrahydrophthalimide (CA) Orthocide Vancide 89 CAS: 133-06-2 SHA: 081301 CFR: 180.103	
	Carbamorph	584AB
	Carbamult	271C
	(RS)-α Carbamyl-3-phenoxybenzyl-(R)-2-chloro-4-(trifluoromethyl)-anilino-3-methylbutanoate	463J
159A	Carbamylurea CAS: 108-19-0 SHA: 206200	
159C	Carbanilide	

CASWELL#	CHEMICAL	X-REFERE
	Car-ban PQ-412	023D
	Car-ban PQ-612	023H
	Carban T-10	867G
160	Carbaryl (ANSI)	
	1-Naphthyl methylcarbamate (CA)	
	1-Naphthyl-N-methylcarbamate	
	Sevin	
	Tricarnam	
	UC 7744	
	CAS: 63-25-2	
	SHA: 056801	
	CFR: 180.169	
	Carbasulam	573I
	Carbendazim	079C
159B	Carbetamide (ANSI)	
	D-N-Ethyllactamide carbanilate	
	CAS: 16118-49-3	
	SHA: 259200	
	1-(Carboethoxy)ethyl-5-(2-chloro-4-(tri-fluoromethylphenoxy))-2-nitrobenzoate	704B
	Carbofluorfen	755D
160A	Carbofuran (ANSI)	
	2,3-Dihydro-2,2-dimethyl-7-benzofuranyl methylcarbamate	
	2,2-Dimethyl-2,3-dihydrobenzofuranyl-7-methylcarbamate	
	NIA-10242	
	Bay 78537	
	Furadan	
	CAS: 1563-66-2	
	SHA: 090601	
	CFR: 180.254	

CASWELL#	CHEMICAL	X-REFERE
	Carbolic acid	649
1608	2-Carbomethoxy-1-methylvinyl dimethyl phosophate, (α isomer and related compounds)	
	Methyl-3-hydroxy-α-crotonate, dimethyl phosphate ester	
	Methyl-3-[(dimethoxyphosphinyl)oxy]-2-butenoate, (α & β isomers) (CA*)	
	Mevinphos	
	Duraphos	
	Menite	
	Phosphene	
	Phosdrin	
	CAS: 7786-34-7	
	SHA: 015801	
	CFR: 180.157	
161	Carbon	
	CAS: 7440-44-0	
	SHA: 016001	
	Carbonalate	219
163	Carbon dioxide	
	CAS: 124-38-9	
	SHA: 016601	
162	Carbon disulfide	
	CAS: 75-15-0	
	SHA: 016401	
164	Carbon tetrachloride	
	CAS: 56-23-5	
	SHA: 016501	

CASWELL#	CHEMICAL	X-REFEREN
165	Carbophenothion (ANSI)	
	S-[[(p-Chlorophenyl)thio]methyl]-O,O-diethyl phosphorodithioate	
	Trithion	
	Endyl	
	Garrathion	
	Lethox	
	R 1303	
	CAS: 786-19-6	
	SHA: 058102	
	CFR: 180.156	
	Carbosulfan	463C
165A	Carboxin (ANSI)	
	5,6-Dihydro-2-methyl-1,4-oxathiin-3-carboxanilide	
	2,3-Dihydro-5-carboxanilido-6-methyl-1,4-oxathiin	
	D 735	
	Vitavax	
	DCMO	
	CAS: 5234-68-4	
	SHA: 090201	
	CFR: 180.301	
	4-Carboxylic acid	455C
	Carboxymethyl-5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate	462C
165AA	1-(Carboxymethyl)-1-[(ethoxycarboxy)methyl]-2-undecyl-2-imidazolinium hydroxide, disodium salt	
	(O-Carboxymethyl)-6-hydroxy-3H-xanthen-3-one, disodium salt	902K
165H	1-Carboxymethyl-3,5,7-triaza-1-azoniatricyclodecane chloride, sodium salt	
	Busan 1024	
	[(o-Carboxyphenyl)thio]ethylmercury, sodium salt	766
	Carbyne	068

CASWELL#	CHEMICAL	X-REFEREN
1651	Carnuba wax CAS: 8015-86-9	
	Cartap	360C
	Carvacrol	511
	Carzol	465A
	Carzol Sp	465B
	Casoron	297
165B	Castor oil CAS: 8001-79-4 SHA: 031608	
	CCN52	271DD
	CDAA	284
	CDEC	180
	CDT	740
165C	Cedarwood oil CAS: 8000-27-9 SHA: 040505	
165BB	Cedarwood terpenes	
	CELA	890AA
	Celathion	310A
	Cepha	426A
	Cercobin	344A

CASWELL#	CHEMICAL	X-REFERE
	Cercobin M	375A
165CC	Cercospora rodmanii SHA: 129601	
	Ceresan	448
165G	Cerium chloride	
	Ceron	426A
	Certrol	353A
	Cetab	167
165D	Cetyl alcohol 1 Hexadecanol CAS: 36653-82-4 SHA: 001508	
165E	Cetyl dimethyl ethyl ammonium bromide Ethyl hexadecyl dimethyl ammonium bromide CAS: 124-03-8 SHA: 069156	
165F	N-Cetyl-N-ethylmorpholinium ethyl sulfate 4 Ethyl-4-hexadecylmorpholinium ethyl sulfate CAS: 78-21-7 SHA: 069187	
166	Cetyl pyridinium bromide 1 Hexadecylpyridinium bromide CAS: 140-72-7 SHA: 069118	
166A	Cetyl pyridinium chloride 1 Hexadecylpyridinium chloride CAS: 123-03-5 SHA: 069160	

CASWELL#	CHEMICAL	X-REFEREN
167	Cetyl trimethyl ammonium bromide Cetab Hexadecyl trimethyl ammonium bromide CAS: 57-09-0 SHA: 069117	
167A	Cetyl trimethyl ammonium chloride Hexadecyl trimethyl ammonium chloride CAS: 112-02-7 SHA: 069133	
	CF-12[illegible]	557B
	CGA 1[illegible],832	271BB
	CGA 1[illegible],223	195AAA
	CGA 1[illegible],281	188CC
	CGA 1[illegible],324	266AA
167J	CGA-1[illegible] 193	
	CGA 1[illegible],762	186ABC
	CGA 2[illegible],911	471AA
	CGA 24,705	188DD
	CGA 48,988	375AA
	CGA 64,251	321AB
	CGA 64,520	323EE

CASWELL#	CHEMICAL	X-REFERENI
167B	CGA 72,662 N-Cyclopropyl-1,3,5-triazine-2,4,6-triamine (9CI) 2,4-Diamino-6-(cyclopropylamino)-s-triazine (8CI) Azimethiphos Cyromazine (ANSI) Larvadex CAS: 66215-27-8 SHA: 121301 CFR: 180.414	
	CGA 92,194	393B
167D	CGA 112,913 N-[4-(3-Chloro-5-trifluoromethyl-2-pyridinyl-oxy)-3,5-dichlorophenyl-aminocarbonyl]-2,6-difluorobenzamide	
	CGA-131036	861C
	CGA-136872	074C
	CGA-154281	298C
167F	CGA 169,374	
167G	CGA-1[illegible]193	
	CH 35[illegible]5	186A
	CHA-8[illegible]1	063C
167E	Chamomile CAS: 8002-66-2 SHA: 128853	
	CHE 1[illegible]43	099
	Cheme[illegible]hion	535
	Chem[illegible]am	585

CASWELL#	CHEMICAL	X-REFEREN
	Chem Neb	539
	Chimassorb 81	4951
	Chinomethionat (ISO)	576
	Chinosol	719B
	Chipco 26019	470A
167H	Chit-Protein Complex(Poly-D-Glucosamine) Poly-D-Glucosamine	
168	Chloral hydrate CAS: 302-17-0 SHA: 268100	
168A	Chloramben (ANSI) 3 Amino-2,5-dichlorobenzoic acid Vegiben Amiben CAS: 133-90-4 SHA: 029901 CFR: 180.266	
168B	Chloramben, ammonium salt 3 Amino-2,5-dichlorobenzoic acid, ammonium salt CAS: 1076-46-6 SHA: 029902	
168BB	Chloramben, diethanolamine salt 3 Amino-2,5-dichlorobenzoic acid, diethanolamine salt CAS: 53404-16-3	
168E	Chloramben, methyl ester 3 Amino-2,5-dichlorobenzoic acid, methyl ester CAS: 7286-84-2 SHA: 029905	

CASWELL#	CHEMICAL	X-REFER
168C	Chloramben, monomethyl ammonium salt 3-Amino-2,5-dichlorobenzoic acid, monomethyl ammonium salt CAS: 25182-03-0 SHA: 029903	
168D	Chloramben, sodium salt 3-Amino-2,5-dichlorobenzoic acid, sodium salt CAS: 1954-81-0 SHA: 029906	
169	Chloramine B Sodium benzenesulfonchloramide CAS: 127-52-6 SHA: 076501	
170	Chloramine T Sodium paratoluenesulfonchloramide Sodium-N-chloro-p-toluenesulfonamide (CA) CAS: 127-65-1 SHA: 076502	
	Chloraniformethan	874B
171	Chloranil (ANSI) Tetrachloro-p-benzoquinone (CA) Spergon CAS: 118-75-2 SHA: 079301	
	Chloranocryl	329
	Chlorax	753
172	Chlorazine (ANSI) 2-Chloro-4,6-bis(diethylamino)-s-triazine (CA) CAS: 580-48-3 SHA: 080806	

CASWELL#	CHEMICAL	X-REFEREN
173	Chlorbenside (ANSI)	
	p-Chlorobenzyl-p-chlorophenyl sulfide (CA)	
	Mitox	
	CAS: 103-17-3	
	SHA: 017401	
	CFR: 180.168	
	Chlorbicyclen	477A
	Chlorbisan	850
173A	Chlorbromuron (ANSI)	
	3-(4-Bromo-3-chlorophenyl)-1-methoxy-1-methylurea	
	Meloran	
	C 6313	
	CAS: 13360-45-7	
	SHA: 090701	
	CFR: 180.279	
	Chlorbufam	575A
174	Chlordane	
	Octachloro-4,7-methanotetra-hydroindane	
	Chlor-kill	
	Octachlor	
	Synklor	
	Niran	
	Toxiclor	
	Velsicol 1068	
	CAS: 57-74-9	
	SHA: 058201	
	CFR: 180.122	
174C	alpha-Chlordane	
	CAS: 57-74-9	
174D	gamma-Chlordane	

CASWELL#	CHEMICAL	X-REFEREN
	Chlordecone	275
174F	delta-Chlordene	
174G	Chlordene epoxide	
174E	Chlordene, Technical (ANSI) CAS: 12789-03-6	
174A	Chlordimeform (ANSI) N'-(4-Chloro-o-tolyl)-N,N-dimethylformidine N'-(4-Chloro-2-methylphenyl)-N,N-dimethylmethanimidamide Galecron Fundal EC Chlorphedine Chlorophenamidine C 8514 CAS: 6164-98-3 SHA: 059701 CFR: 180.285	
174B	Chlordimeform hydrochloride (ANSI) N'-(4-Chloro-o-tolyl)-N,N-dimethylformamidine hydrochloride Galecron SP Fundal SP Chlorophenamidine hydrochloride CAS: 19750-95-9 SHA: 059702	
	Chlorethene	902B
	Chlorethylene	902B
	Chlorfenac	882
	Chlorfenethol	310
	Chlorfenprop-methyl	557A

CASWELL#	CHEMICAL	X-REFEREN
	Chlorfenson	624
	Chlorfensulphide	212A
	Chlorfenvinphos	187
	Chlorflurazole	327A
	Chlorflurecol	192A
	Chlorflurenol	192A
	Chlorhexidine diacetate, acetates of guanidated amines	481E
	Chlorhexidine digluconate	481G
	Chlorhexidine dihydrochloride	481F
175	Chlorinated C3 hydrocarbons	
176	Chlorinated glycoluril (see also 829) 1, ,4,6-Tetrachloroglycoluril and related compounds CA : 776-19-2	
177A	Chlorinated levulinic acids (minimum chlorine content 45%) SH : 027201	
179	Chlorine CA : 7782-50-5 SH : 020501	
179A	Chlorine dioxide CA : 10049-04-4 SH : 020503	
	Chlor- Ill	174
	Chlormephos	195B

CASWELL#	CHEMICAL	X-REFERE
	Chlormequat chloride	191
	Chlormethazole	549AA
179AA	Chlormethylfos	
	O,O-Dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate	
	Chlorpyrifos-methyl (ANSI)	
	Reldan	
	Trichlormethylfos	
	Dowco 214	
	CAS: 5598-13-0	
	SHA: 059102	
	Chlornidine	089A
	Chlornitrofen	603B
179B	Chloroacetic acid	
	CAS: 79-11-8	
	SHA: 279400	
	Ω-Chloroacetophenone	179C
179C	2-Chloroacetophenone	
	Ω Chloroacetophenone	
	CAS: 532-27-4	
	SHA: 018001	
179D	N-(Chloroacetyl)-N-(2,6-diethylphenyl)glycine, ethyl ester	
	Diethatyl-ethyl (ANSI)	
	Antor	
	AC 22,234	
	Hercules 22234	
	CAS: 38727-55-8	
	SHA: 116701	
	CFR: 180.402	

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CASWELL#                                   CHEMICAL                                                        X-REFEREN
-------- -----------------------------------------------------------------------------------------------------------
180     | 2-Chl roallyl diethyldithiocarbamate (CA)                                                    |
        |     C EC                                                                                     |
        |     S lfallate (ISO,BSI)                                                                     |
        |     V gadex                                                                                  |
        |     C S: 95-06-7                                                                             |
        |     S A: 039001                                                                              |
        |     C R: 180.247                                                                             |
        |                                                                                              |
181     | 1-(3- hloroallyl)-3,5,7-triaza-1-azonia-adamantane chloride                                  |
        |     D wicil 100                                                                              |
        |     D wicil 75                                                                               |
        |     C s-trans-CTAC                                                                           |
        |     C S: 4080-31-3                                                                           |
        |     S A:  017901                                                                             |
        |                                                                                              |
181AA   | 3-Chl ro-4-aminobenzotrifluoride                                                             |
        |                                                                                              |
182     | p-Chl roaniline                                                                              |
        |     P rachloroaniline                                                                        |
        |     C S: 106-47-8                                                                            |
        |     S A:  017203                                                                             |
        |                                                                                              |
182B    | p-Chl roaniline oleate                                                                       |
        |     P rachloroaniline oleate                                                                 |
        |     C S: 53404-65-2                                                                          |
        |                                                                                              |
182C    | P-Chl roaniline salicylate                                                                   |
        |     P rachloroaniline salicylate                                                             |
        |     C S: 53404-66-3                                                                          |
        |                                                                                              |
183I    | p-Chl robenzaldehyde                                                                         |
        |                                                                                              |
183     | 3'-Ch orobenzanilide                                                                         |
        |     C S: 6004-21-3                                                                           |
        |     S A:  283100                                                                             |
        |                                                                                              |
183A    | Chlor benzene                                                                                |
        |     C S: 108-90-7                                                                            |
        |     S A:  056504                                                                             |
        |                                                                                              |
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CASWELL#	CHEMICAL	X-REFEREN
	Chlorobenzilate	434
183H	p-Chlorobenzoic acid	
183J	6-Chlorobenzoxazolone	
	1-(o-Chlorobenzoyl)-3-[p-(trifluoromethoxy)phenyl]urea	217C
183D	p-Chlorobenzyl alcohol	
	ortho-Chlorobenzyl alcohol	183L
	p-Chlorobenzyl-p-chlorophenyl sulfide	173
183B	p-Chlorobenzyl-p-fluorophenyl sulfide Fluorbenside CAS: 405-30-1 SHA: 283300	
183K	1,(2-(2-Chlorobenzyl)-2-hydroxy-3,3-dimethyl butyl-1,2,4-triazole	
	o-[Chlorobenzylidene]malononitrile	207G
183E	p-Chlorobenzylmercaptan	
183G	4-Chlorobenzyl methylsulfone	
183F	4-Chlorobenzyl methylsulfoxide	
	7-Chlorobicyclo[3.2.0]hepta-2,6-dien-6-yl dimethyl phosphate	721C
	3-Chloro-2-biphenylol	211
	3-Chloro-4-biphenylol	209
	5-Chloro-2-biphenylol	210
	3-Chloro-(1,1'-biphenyl)-2-ol	211

CASWELL#	CHEMICAL	X-REFEREN
	3-Chloro-(1,1-biphenyl)-4-ol	209
	5-Chloro-(1,1'-biphenyl)-2-ol	210
	3-Chloro-2-biphenylol, potassium salt	211A
	3-Chloro-4-biphenylol, potassium salt	209A
	5-Chloro-2-biphenylol, potassium salt	210A
	3-Chloro-(1,1'-biphenyl)-2-ol, potassium salt	211A
	3-Chloro-(1,1'-biphenyl)-4-ol, potassium salt	209A
	5-Chloro-(1,1'-biphenyl)-2-ol, potassium salt	210A
	3-Chloro-2-biphenylol, sodium salt	211B
	3-Chloro-4-biphenylol, sodium salt	209D
	5-Chloro-2-biphenylol, sodium salt	210B
	3-Chloro-(1,1'-biphenyl)-2-ol, sodium salt	211B
	3-Chloro-(1,1'-biphenyl)-4-ol, sodium salt	209D
	5-Chloro-(1,1'-biphenyl)-2-ol, sodium salt	210B
183C	5-Chloro-a,a-bis(3,5-dichloro-2-hydroxyphenyl)-o-toluenesulfonic acid, sodium salt Eulan CN	
	2-Chloro-4,6-bis(diethylamino)-s-triazine	172
	2-Chloro-4,6-bis(ethylamino)-s-triazine	740

CASWELL#	CHEMICAL	X-REFERE
184	2-Chloro-4,6-bis(isopropylamino)-s-triazine	
	Propazine (ANSI)	
	Milogard	
	Gesamil	
	Primatol P	
	Milocep (part, see casw 188DD)	
	G-30028	
	Prozinex	
	CAS: 139-40-2	
	SHA: 080808	
	CFR: 180.243	
185	Chlorobutanol	
	1,1,1-Trichloro-2-methyl-2-propanol (CA)	
	CAS: 57-15-8	
	SHA: 017501	
	4-Chloro-2-butynyl-m-chlorocarbanilate	068
181A	3-Chlorochlordene	
	5-Chloro-N-(2-chloro-4-nitrophenyl)-2-hydroxybenzamide, 2-aminoethanol salt	314
182A	5-Chloro-2-(4-chlorophenylmethyl)-3(2H)-isothiazolone	
	CAS: 66159-95-3	
	SHA: 221500	
185A	4-Chloro-m-cresol	
	CAS: 59-50-7	
	SHA: 064206	
	2-Chloro-4-[(1-cyano-1-methylethyl)amino]-6-(ethylamino)-s-triazine	188C
185B	endo 3-Chloro-exo-6-cyano-2-norbornanone O-(methylcarbamoyl)oxime	
	Tranid (Obsolete)	
	CAS: 15271-41-7	

CASWELL#	CHEMICAL	X-REFERE
186	4-Chloro-2-cyclopentylphenol (CA)	
	Dowicide 9	
	2-Cyclopentyl-p-chlorophenol	
	CAS: 13347-42-7	
	SHA: 064202	
186AA	4-Chloro-2-cyclopentylphenol, potassium salt	
	CAS: 35471-38-6	
	SHA: 064214	
186AB	4-Chloro-2-cyclopentylphenol, sodium salt	
	CAS: 53404-20-9	
	SHA: 064218	
	2-Chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine	271D
186ABC	2-[[4-Chloro-6-(cyclopropylamino)-1,3,5-triazin-2-yl]amino]-2-methylpropanenitrile	
	Procyazine (ANSI)	
	CGA 18,762	
	CAS: 32889-49-9	
	SHA: 110101	
	1-[4-[N(4-Chloro-alpha-cyclopropylbenzylidene)amino-oxymethyl]phenyl]-3-(2,6-difluorobenzoyl)urea	460D
186A	5-Chloro-2-(2,4-dichlorophenoxy)phenol	
	2,4,4'-Trichloro-2'-hydroxydiphenyl ether	
	DP-300	
	Lexol 300	
	CH 3565	
	Irgasan	
	CAS: 3380-34-5	
	SHA: 054901	

CASWELL#	CHEMICAL	X-REFEREN
187	2-Chloro-1-(2,4-dichlorophenyl)vinyl diethyl phosphate (CA)	
	Compound 4072	
	Chlorfenvinphos (ISO,BSI)	
	Birlane	
	Sapona	
	SD 7859	
	CAS: 470-90-6	
	SHA: 084101	
	CFR: 180.322	
187A	O-[2-Chloro-1-(2,5-dichlorophenyl)vinyl]-O,O-diethylphosphorothioate	
	SD 9098	
	Akton	
	CAS: 1757-18-2	
	SHA: 084901	
187D	2-Chloro-2,6-diethylacetanilide	
	2-Chloro-4-(diethylamino)-6-(ethylamino)-s-triazine	885
187B	2-Chloro-4-(diethylamino)-6-(isopropylamino)-s-triazine	
	CAS: 1912-25-0	
	SHA: 263300	
	2-Chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate	661
	2-Chloro-N,N-diethyl-3-hydroxycrotonamide, ester with dimethyl phosphate	661
	2-Chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide	011
	2-Chloro-N-(2,6-diethylphenyl)-N-(methoxymethyl)acetamide	011
187F	1-Chloro-1,1-Difluoroethane	
	3-Chloro-1,2-dihydroxypropane	214A
187E	1-Chloro-2,5-dimethoxybenzene	
	CAS: 2100-42-7	
	SHA: 203200	

CASWELL#	CHEMICAL	X-REFEREN
	7-Chloro-4,6-dimethoxycoumarin-3-one-2-spiro-1-(2'-methoxy-6'-methylcyclo-2'-en-4'-one)	471B
188	2-Chloro-4-(dimethylamino)-6-methylpyrimidine (CA) Crimidine (ISO,BSI) CAS: 535-89-7 SHA: 288200	
188A	4-Chloro-5-(dimethylamino)-2-(α,α,α-trifluoro-m-tolyl)-3(2H)-pyridazinone S nsone 6706 Metflurazone (ISO) CAS: 23576-23-0	
	O-[2-Chloro-4-(1,1-dimethylethyl)phenyl]-O-methyl methylphosphoramidothioate	127A
188E	N-[5-(2-Chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea D thiuron (ANSI PROP.) 1 [5-(2-Chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl)-N,N-dimethylurea	
	1-[5-(2-Chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl)-N,N-dimethylurea	188E
	N-[5-(2-Chloro-1,1-dimethylethyl)-1,3,4-thiazol-2-yl]cyclopropanecarboxamide	271L
188F	1-Chloro-5,5-dimethylhydantoin	
	4-Chloro-3,5-dimethylphenol	218
	2-Chloro-N-(2,6-dimethylphenyl)-N-isobutoxymethyl)acetamide	278AA
	6-Chloro-3,4-dimethylphenyl methylcarbamate	219
	2-Chloro-N-(2,3-dimethylphenyl)-N-(1-methylethyl)acetamide	194AB
	2-Chloro-N-(2,6-dimethylphenyl)-N-(tetra-2-oxo-3-furanyl)acetamide	615A
188AA	4'-Chloro-2,2-dimethylvaleranilide Monalide (ISO,BSI) CAS: 7287-36-7 SHA: 288400	

CASWELL#	CHEMICAL	X-REFEREN
188EE	2-Chloro-1,3-dinitrobenzene	
	2-Chloro-N-(2,6-dinitro-4-(trifluoromethyl)-phenyl)-N-ethyl-6-fluorobenzenemethanamine	704C
	1-Chloro-2,3-epoxypropane	424
188GG	3-Chloro-N-ethoxy-2,6-dimethoxybenzimidic acid anhydride Ethyl O-benzoyl-3-chloro-2,6-dimethoxybenzohydroximate Benzoximate Benzomate CAS: 29104-30-1	
	Chloroethoxyfos	663P
	2-)2-Chloroethoxy)-N-[[(4-methoxy-6-methyl-1,3,5-triazin-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]benzenesulfonamide	861C
	2-Chloro-N-(ethoxymethyl)-6'-ethyl-o-acetotoluidide	003B
	2-Chloro-N-(ethoxymethyl)-N-(2-ethyl-6-methylphenyl)acetamide	003B
188AAA	2-Chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene Oxyfluorfen (ANSI) Goal RH 915 RH 32915 RH 2915 Koltar CAS: 42874-03-3 SHA: 111601 CFR: 180.381	
	1-(2-Chloroethoxy)-2-(2,4,6-trichlorophenoxy)ethane-2-chloro-2'-(2,4,6-trichlorophenoxy)diethyl ether	188B
	2-Chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine	063

CASWELL#	CHEMICAL	X-REFEREN
188C	2-[[4-Chloro-6-(ethylamino)-s-triazin-2-yl]amino]-2-methylpropionitrile	
	2-Chloro-4-[(1-cyano-1-methylethyl)amino]-6-(ethylamino)-s-triazine	
	Cyanazine (ISO,BSI)	
	Bladex	
	SD 15418	
	Payze	
	WL 19805	
	CAS: 21725-46-2	
	SHA: 100101	
	CFR: 180.307	
	N-(2-Chloroethyl)-2,6-dinitro-4-trifluoromethyl benzenamine	460B
188D	Chloroethylene bisthiocyanate	
	Cytox 3810	
	CAS: 24689-89-2	
	SHA: 068106	
	2-Chloro-6'-ethyl-N-(2-methoxy-1-methylethyl)-o-acetoluidide	188DD
188CC	2-Chloroethylmethylbis(phenylmethoxy)silane	
	CGA 15,281	
	Silaid	
	CAS: 41289-08-1	
	SHA: 126101	
188G	1-Chloro-5-ethyl-5-methylhydantoin	
188DD	2-Chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide	
	Metolachlor (ANSI)	
	2-Chloro-6'-ethyl-N-(2-methoxy-1-methylethyl)-o-acetoluidide	
	Milocep (part, see casw 184)	
	CGA 24,705	
	Dual	
	CAS: 51218-45-2	
	SHA: 108801	
	CFR: 180.368	

CASWELL#	CHEMICAL	X-REFERE
	2-Chloroethyl)phosphonic acid	426A
188B	2-Chloroethyl-2-(2,4,6-trichlorophenoxy)ethyl ether 1-(2-Chloroethoxy)-2-(2,4,6-trichlorophenoxy)ethane-2-chloro-2'-(2,4,6-trichlorophenoxy)diethyl ether CAS: 5324-22-1 SHA: 020001	
	N-(2-Chloroethyl)-α,α,α-trifluoro-2,6-dinitro-N-propyl-p-toluidine	460B
191	2-Chloroethyl trimethyl ammonium chloride Cycocel Chlormequat chloride (ISO) AC 38,555 CAS: 999-81-5 SHA: 018101	
192	Chloroform CAS: 67-66-3 SHA: 020701	
	2-Chloro-6-(2-furanylmethoxy)-4-(trichloromethyl)pyridine	528AA
	α-Chlorohydrin	214A
192A	2-Chloro-9-hydroxyfluorene-9-carboxylic acid Chlorflurecol (BSI) Chlorflurenol (ISO) CAS: 2464-37-1 SHA: 292200	
192B	2-Chloro-4-(hydroxymercuri)phenol Hydroxymercurichlorophenol Semesan CAS: 538-04-5 SHA: 046002	

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CASWELL#                                   CHEMICAL                                                        X-REFER
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 192BB | 2-Chloro-N-(hydroxymethyl)acetamide                                                             |
       |      Crota                                                                                     |
       |      FD 11                                                                                     |
       |      Crotan HD2                                                                                |
       |      Crotan DF-35                                                                              |
       |      CAS: 2832-19-1                                                                            |
       |      SHA:  109501                                                                              |
       |                                                                                                |
 192C  | 2-Chloro-4-[(hydroxymethyl)amino]-6-(isopropylamino)-s-triazine                                 |
       |      ACD 15 M                                                                                  |
       |      CAS: 29450-57-5                                                                           |
       |      SHA:  292400                                                                              |
       |                                                                                                |
       | 2'-Chloro-3-hydroxy-2-(4-phenyl-2-thiazolyl)-cinnamonitrile                                     | 740B
       |                                                                                                |
 193   | 5-Chloro-7-iodo-8-quinolinol (CA)                                                               |
       |      CAS: 130-26-7                                                                             |
       |      SHA:  024001                                                                              |
       |                                                                                                |
       | Chloro IPC                                                                                      | 510A
       |                                                                                                |
       | 2-Chloro-N-(isobutoxymethyl)-2',6'-acetoxylide                                                  | 278AA
       |                                                                                                |
 194   | 2-Chloro-N-isopropylacetanilide                                                                 |
       |      Propachlor (ISO)                                                                          |
       |      Ramrod                                                                                    |
       |      CP 31393                                                                                  |
       |      CAS: 1918-16-7                                                                            |
       |      SHA: 019101                                                                               |
       |      CFR: 180.211                                                                              |
       |                                                                                                |
 194AB | 2-Chloro-N-isopropyl-2',3'-acetoxylidide (CA)                                                   |
       |      2-Chloro-N-(2,3-dimethylphenyl)-N-(1-methylethyl)acetamide                                |
       |      Combat                                                                                    |
       |      CL 206,784                                                                                |
       |      AC 206,784                                                                                |
       |      CAS: 63114-77-2                                                                           |
       |      SHA:  111101                                                                              |
       |                                                                                                |
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CASWELL#	CHEMICAL	X-REFEREN
	Chlormebuform	127B
522	5-Chloro-2-mercaptobenzothiazole, 1-lauryl pyridinium salt CAS: 5406-97-3 SHA: 051703	
194D	5-Chloro-2-mercaptobenzothiazole, zinc salt	
	S-[6-Chloro-3-(mercaptomethyl)-2-benzoxazolinone]-0,0-diethyl phosohorodithioate	660A
194A	o-(Chloromercuri)phenol Hydroxychloromercuribenzene CAS: 90-03-9 SHA: 294100	
194E	2-(2-Chloro-4-(methanesulfonylbenzoyl)-1,3-cyclohexanedione S : 0051	
194AA	2-Chloro-N-[[(4-methoxy-6-methoxy-1,3,5-triazin-yl)amino]carbonyl]benzene-sulfonamide (9CI) 2 Chlorsulfuron (ANSI) 1 ((o-Chlorophenyl) sulfonyl)-3-(4-methoxy-6-methyl-s-triazin-2-yl)urea (8CI) D X 4189 Glean CAS: 64902-72-3 SHA: 118601 CFR: 180.405	
194B	3-(3-Chloro-4-methoxyphenyl)-1,1-dimethylurea Metoxuron (ISO) CAS: 19937-59-8 SHA: 294600	
195	3-(Chloromethoxy)propylmercuric acetate CAS: 34066-89-2 SHA: 018401	

CASWELL#	CHEMICAL	X-REFEREN
193A	2-(((4-Chloro-6-methoxypyrimidine-2-yl)-aminocarbonyl)-aminosulfonyl) benzoic acid	
	Chloromuron (ANSI)	
	2-[[[[(4-Chloro-6-methoxy-2-pyrimidinyl)amino]carbonyl]sulfonyl]benzoicacid	
	CAS: 99283-00-8	
193B	2-(((4-Chloro-6-methoxypyrimidine-2-yl)-aminocarbonyl)-aminosulfonyl)-ethyl benzoate	
	Classic	
	DPX F6025	
	CAS: 90982-32-4	
	SHA: 128901	
	2-[[[[(4-Chloro-6-methoxy-2-pyrimidinyl)amino]carbonyl]amino]sulfonyl]benzoic acid	193A
194C	2-Chloro-6-methoxy-4-(trichloromethyl)pyridine	
	Pyroxychlor (ANSI)	
	CAS: 7159-34-4	
	SHA: 295100	
194BB	2-Chloro-6-methoxy-4-(trichloro-m-tolyl)-3(2H)-pyridazinone	
196AA	PHENYl N-3(Chloro-4-methyl)acetamide	
195E	?-Chloro-N-methylacetamide(? structure not fully known)	
195AA	4-Chloro-5-(methylamino)-2-α,α,α-trifluoro-m-tolyl-3(2H)-pyridazinone	
	Isazofos (ANSI)	
	Evital	
	Monometflurazon	
	San 97895	
	Solicam	
	Zorial	
	Norflurazon	
	CAS: 27314-13-2	
	SHA: 105801	
	CFR: 180.356	
	3-Chloro-4-methylaniline	195H

CASWELL#	CHEMICAL	X-REFEREN
195H	3-Chloro-4-Methylbenzenamine 3-Chloro-p-toluidine 3-Chloro-4-Methylaniline CAS: 95-74-9	
	2-Chloro-N-(2-methyl-4-bromophenyl)acetamide	259D
195D	Chloromethyl butanethiolsulfonate S,S'-Methylene ester of 1-butanesulfonothioic acid Methylenebis butanethiolsulfonate Busan 73 component CAS: 16008-32-5 S A: 035609	
195A	Chloromethyl-p-chlorophenyl sulfone Lauseto neu	
	O-(3-Chloro-4-methyl-7-coumarinyl)-O,O-diethylphosphorothioate	335
195B	S-(Chloromethyl)-O,O-diethyl phosphorodithioate Chlormephos (ISO,BSI) CAS: 24934-91-6 S A: 295300	
195F	6-Chloro-N4-(1-methylethyl)-2,4-pyrimidinediamine (CA) Iprymidam 2-Amino-6-chloro-4-(isopropylamino)pyrimidine	
195AAA	O-(5-Chloro-1-[methylethyl]-1H-1,2,4-triazol-3-yl) O,O-diethyl phosphorothioate CGA 12,223 Isazophos Triumph Mirel Isazofos CAS: 67329-04-8 S A: 295900	
	Chloromethyl-homopolymer, mono[(Z)-9-octadecenyl) ether compound, with N,N-dimethylmethanamine	625F

CASWELL#	CHEMICAL	X-REFERENI
195G	5-Chloro-2-methyl-4-isothiazolin-3-one	
195C	5-Chloro-2-methyl-4-isothiazolin-3-one calcium chloride and 2-methyl-4-isothiazolin-3-one calcium chloride RH 651 calcium chloride Microbiocide 886 Kathon 886 RH 886 RH 30 CAS: 57373-20-3 SHA: 107102	
195J	2-Chloro-N-(1-methyl-2-methoxy)ethyl-N-(2,4-dimethyl-thien-3-yl)-acetamide SAN 582H	
197	5-Chloro-3-methyl-4-nitro-1H-pyrazole A 23703 ABG 3030 Release CAS: 6814-58-0 SHA: 207100	
196	2-(Chloromethyl)-4-nitrophenyl acetate DS 5817 CAS: 5174-32-3 SHA: 296100	
196A	5-Chloro-3-methyl-4-nitropyrazole CAS: 6814-58-0 SHA: 207100	
	4-Chloro-2-methylphenoxyacetic acid	557C
	4-(4-Chloro-2-methylphenoxy)butyric acid	558
	N'-(4-Chloro-2-methylphenyl)-N,N-dimethylmethanimidamide	174A
	3-(3-Chloro-4-methylphenyl)-1,1-dimethylurea	216D

CASWELL#	CHEMICAL	X-REFERE
	N-(3 Chloro-4-methylphenyl)-2-methylpentamide	800
197A	[1-(Chloromethyl)propyl]-3-[(methoxycarbonyl)aminophenyl] carbamate Chlorprocarb (ISO,BSI) CAS: 23121-99-5 SHA: 296200	
	2-Chloro-N-(1-methyl-2-propynyl)acetanilide	714BB
197B	O-(3 Chloro-7-methylpyrazolo)-[1,5-a]-pyrimidin-2-yl-O,O-diethyl phosphorothioate (CA*) Chlorprazophos (ISO,BSI) CAS: 36145-08-1	
	3'-Chloro-2-methyl-p-valerotoluidide	800
	Chloromuron	193A
198	Chloroneb (ANSI) 1,4-Dichloro-2,5-dimethoxybenzene Demosan Tersan SP CAS: 2675-77-6 SHA: 027301 CFR: 180.257	
198A	2-Chloro-4-nitrobenzamide Novostat CAS: 3011-89-0 SHA: 298100	
	2-[(Chloro-(nitromethyl)benzylthio]-ethylamine hydrochloride	731H
	2-Chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene	601BD
	O-(3 Chloro-4-nitrophenyl)-O,O-diethyl phosphorothioate	335A

CASWELL#	CHEMICAL	X-REFERE
201	O-(3 Chloro-4-nitrophenyl)-O,O-dimethyl phosphorothioate	
	,O-Dimethyl-O-(2-chloro-4-nitrophenyl)phosphorothioate	
	hlorthion	
	ay 22/190	
	AS: 500-28-7	
	HA: 034501	
	O-(2 Chloro-4-nitrophenyl)-O,O-dimethyl phosphorothioate	296
201A	1-Chloro-2-nitropropane	
	orax	
	anstan	
	IA 5961	
	AS: 2425-66-3	
	HA: 011302	
202	2-Chloro-6-nitrotoluene	
	AS: 83-42-1	
	HA: 019001	
202C	4-Chloro-2-N-octyl-3(2H)-isothiazolone	
	CAS: 64359-80-4	
	SHA: 128102	
202A	4-Chloro-2-oxo-3-benzothiazoline acetic acid	
	Benazolin (ISO,BSI)	
	CAS: 3813-05-6	
202B	4-Chloro-2-oxo-3(2H)-benzothiazole acetic acid, ethyl ester	
	Benazolin ethyl ester	
	CAS: 25059-80-7	
	SHA: 126801	
	2-Chloro-β-oxo-α-(4-phenyl-2(3H)-thiazolylidene)-benzenepropanenitrile	740B
	Chlorophacinone	211C
	Chlorophen	083

CASWELL#	CHEMICAL	X-REFERENC
	Chlorophenamidine	174A
	Chlorophenamidine hydrochloride	174B
	Chlorophenoethane	308
203	o-Chlorophenol CAS: 95-57-8 SHA: 062204	
203A	o-Chlorophenol, sodium salt CAS: 35535-81-0 SHA: 062205	
204	p-Chlorophenoxyacetic acid 4-Chlorophenoxyacetic acid 4-CPA Tomato fix concentrate Tomato hold Tomatotone CAS: 122-88-3 SHA: 019401 CFR: 180.202	
	4-Chlorophenoxyacetic acid	204
205B	4-Chlorophenoxyacetic acid, diethanolamine salt CAS: 53404-23-2	
205C	4-Chlorophenoxyacetic acid, sodium salt CAS: 13730-98-8	
	1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-trizol-1-yl)-2-butanone	862AA
	3-[p-(p-Chlorophenoxy)phenyl]-1,1-dimethylurea	217B

CASWELL#	CHEMICAL	X-REFERENCE
206	2-(3-Chlorophenoxy)propionic acid (CA*) 2-(m-Chlorophenoxy)propionic acid (CA) Cloprop (ISO PROP) Amchem 3-CP 2-(m-Chlorophenoxy)propanoic acid CAS: 101-10-0 SHA: 021201	
205A	2-(m-Chlorophenoxy)propionamide (CA) CAS: 5825-87-6 SHA: 021203	
	2-(m-Chlorophenoxy)propionic acid	206
206AA	2-(m-Chlorophenoxy)propionic acid, sodium salt CAS: 53404-22-1 SHA: 021202 CFR: 180.325	
	N-[[(4-Chlorophenyl)amino]carbonyl]-2,6-difluorobenzamide	346A
206A	O-[p-[(p-Chlorophenyl)azo]phenyl]-O,O-dimethylphosphorothioate Azothoate (CAN) CAS: 5834-96-8 SHA: 206100	
207	p-Chlorophenyl benzenesulfonate Fenson (ISO,BSI) CAS: 80-38-6 SHA: 020101	
	p-Chlorophenyl p-chloro-benzenesulfonate	624
207AA	α-(2-Chlorophenyl)-α-(4-chlorophenyl)-5-pyrimidinemethanol Fenarimol (ANSI) Compound 56722 El 222 Rubigan CAS: 60168-88-9 SHA: 206600	

CASWELL#	CHEMICAL	X-REFERENC
	4-Chloro-a-phenyl-o-cresol, 2-benzyl-4-chlorophenol	083
	Trans-5-(4-Chlorophenyl)-N-cyclohexyl-4-methyl-2-oxathiazolidine-3-carboxamide	419R
	alpha-(4-Chlorophenyl)-alpha-(1-cyclopropyl ethyl)-1H-1,2,4-triazole-1-ethanol	272E
	1-(4-Chlorophenyl)-3-(2,6-difluorobenzoyl)urea	346A
207F	1-(4-Chlorophenyl)-1,4-dihydro-6-methyl-4-oxopyridazine-3-carboxylic acid	
207AB	p-Chlorophenyl diiodomethyl sulfone Amical 77 CAS: 20018-12-6	
207A	S-(p-Chlorophenyl)-O,O-dimethyl phosphorothioate DMCP Fujithion CAS: 3309-87-3 SHA: 207200	
207H	(S)-(E)-1-(p-Chlorophenyl-4,4-dimethyl-2-(1,2,4-Triazo-1-yl)-pent-1-ene-3-ol Uniconazole (ANSI) S-3307 Prunit CAS: 83657-17-4	
	(2RS,3RS)-1-(4-Chlorophenyl)-4,4-dimethyl-2-1,2,4-triazol-1-yl pentan-3-ol	628C
	3-(p-Chlorophenyl)-1,1-dimethylurea	583
	3-(p-Chlorophenyl)-1,1-dimethylurea trichloroacetate	583A
	alpha-[2-(4-Chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol	463P
	2-(2-(4-Chlorophenyl)ethyl)-2-phenyl-3-(1H-1,2,4-triazole)-1-propanenitrile	723Q
	a-(2-Chlorophenyl)-a-(4-fluorophenyl)-5-pyrimidine methanol	419G

CASWELL#	CHEMICAL	X-REFERENC
	o-Chlorophenylglyoxylonitrile oxime-0,0-diethylphosphorothioate	219C
207B	5-chloro-4-phenyl-3H-1,2-dithiol-3-one	
207C	4-[(o-Chlorophenyl)hydrazono]-3-methyl-2-isoxazolin-5-one Drazoxolon (BSI,ISO) 3-Methyl-2-isoxazoline-4,5-dione-4-[(2-chlorophenyl)hydrazone] Metazoxolon CAS: 5707-69-7 SHA: 207400	
207D	3-(p-Chlorophenyl)-1-methoxy-1-methylurea Monolinuron (ISO,BSI) Afesin HOE 02747 Arresin CAS: 1746-81-2 SHA: 207500	
207EE	p-Chlorophenyl-N-methylcarbamate PPG 124	
	N-[(4-Chlorophenyl)methyl]-N-cyclopentyl-N'-phenylurea	638A
207DA	S-[(4-Chlorophenyl)methyl]diethylcarbamothioate Thiobencarb (ANSI) Benthiocarb (ISO) Bolero Saturn Bencarb CAS: 28249-77-6 SHA: 108401 CFR: 180.401	
	2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxadinone	463D

CASWELL#	CHEMICAL	X-REFEREN
207G	[(2-Chlorophenyl)methylene]propanedinitrile CS o-[Chlorobenzylidene]malononitrile	
	α-(4-Chlorophenyl)-α-(1-methylethyl)-5-pyrimidinemethanol	513B
207DD	2-(4-Chlorophenylmethyl)-3(2H)-isothiazolone CAS: 26530-09-6	
207E	3-(p-Chlorophenyl)-1-methyl-1-(1-methyl-2-propynyl)urea Buturon (ISO) Eptapur CAS: 3766-60-7 SHA: 207600	
209	2-Chloro-4-phenylphenol 3-Chloro-(1,1-biphenyl)-4-ol 3-Chloro-4-biphenylol Dowicide 4 CAS: 92-04-6 SHA: 062206	
210	4-Chloro-2-phenylphenol 5-Chloro-2-biphenylol 5-Chloro-(1,1'-biphenyl)-2-ol Dowicide 31 (part, see casw 211) CAS: 607-12-5 SHA: 062208	
211	6-Chloro-2-phenylphenol 3-Chloro-(1,1'-biphenyl)-2-ol 3-Chloro-2-biphenylol Dowicide 31 (part, see casw 210) CAS: 85-97-2 SHA: 062210	
209B	4- and 6-Chloro-2-phenylphenol, diethanolamine salt	

CASWELL#	CHEMICAL	X-REFERENC
209A	2-Chloro-4-phenylphenol, potassium salt 3-Chloro-(1,1'-biphenyl)-4-ol, potassium salt 3-Chloro-4-biphenylol, potassium salt CAS: 18128-16-0 SHA: 062207	
210A	4-Chloro-2-phenylphenol, potassium salt 5-Chloro-(1,1'-biphenyl)-2-ol, potassium salt 5-Chloro-2-biphenylol, potassium salt CAS: 53404-21-0 SHA: 062209	
211A	6-Chloro-2-phenylphenol, potassium salt 3-Chloro-(1,1'-biphenyl)-2-ol, potassium salt 3-Chloro-2-biphenylol, potassium salt CAS: 18128-17-1 SHA: 062211	
209B	2-Chloro-4-phenylphenol, sodium salt 3-Chloro-(1,1'-biphenyl)-4-ol, sodium salt 3-Chloro-4-biphenylol, sodium salt	
210B	4-Chloro-2-phenylphenol, sodium salt 5-Chloro-(1,1'-biphenyl)-2-ol, sodium salt 5-Chloro-2-biphenylol, sodium salt CAS: 10605-10-4 SHA: 062212	
211B	6-Chloro-2-phenylphenol, sodium salt 3-Chloro-(1,1'-biphenyl)-2-ol, sodium salt 3-Chloro-2-biphenylol, sodium salt CAS: 10605-11-5 SHA: 062213	

CASWELL#	CHEMICAL	X-REFERE
211C	2-[(p-Chlorophenyl)phenylacetyl]-1,3-indandione Chlorophacinone (ISO) Rozol Partox Liphadione CAS: 3691-35-8 SHA: 067707	
211D	p-Chlorophenyl phenyl sulfone Sulphenone Trifenson CAS: 80-00-2 SHA: 060501 CFR: 180.112	
	O-(6-Chloro-3-phenyl-4-pyridazinyl)-S-octyl-carbonothioate	716A
	1-(p-Chlorophenyl)silatrane	213B
	1-((o-Chlorophenyl) sulfonyl)-3-(4-methoxy-6-methyl-s-triazin-2-yl)urea	194AA
	(+-)-N-(3-Chlorophenyl)-N-(tetrahydro-2-oxo-3-furanyl)cyclopropanecarboxamide	272F
	S-[[(p-Chlorophenyl)thio]methyl]-0,0-diethyl phosphorodithioate	165
211E	S-[[(p-Chlorophenyl)thio]methyl]-0,0-diethyl phosphorothioate Danifos CAS: 786-19-6	
212	S-[[(p-Chlorophenyl)thio]methyl]-0,0-dimethyl phosphorodithioate (CA) Methyl Carbophenothion Methyl Trithion CAS: 953-17-3 SHA: 058101	
212B	N-[[(4-Chlorophenyl)thio]methyl]phthalimide Thiochlorfenphim (ISO,BSI)	

CASWELL#	CHEMICAL	X-REFEREN
	O-[4-[(4-Chlorophenyl)thio]phenyl]-O-ethyl-S-propyl-phosphorothioate	723G
212A	p-Chlorophenyl-2,4,5-trichlorophenyl azosulfide Chlorfensulphide (ISO,BSI) CAS: 2274-74-0	
213	p-Chlorophenyl-2,4,5-trichlorophenyl sulfide (CA) 2,4,4',5-Tetrachlorodiphenyl sulfide Tetrasul (ISO) Animert CAS: 2227-13-6 SHA: 079201	
	p-Chlorophenyl-2,4,5-trichlorophenyl sulfone	836
	4-Chlorophenyl-2,4,5-trichlorophenyl sulfone	836
213A	3-(p-Chlorophenyl)-1,1,2-trimethyl isourea Trimeturon CAS: 3050-27-9	
213B	1-(p-Chlorophenyl)-2,8,9-trioxa-5-aza-1-silabicyclo(3.3.3)undecane 1-(p-Chlorophenyl)silatrane 2,8,9-Trioxa-5-aza-1-sila-1-(p-chlorophenyl)bicyclo(3.3.3)undecane CAS: 29025-67-0 SHA: 218300	
214B	6-Chloropicolinic acid CAS: 4684-94-0 SHA: 069206	
214	Chloropicrin Acquinite Picfume N-max Trichloronitromethane CAS: 76-06-2 SHA: 081501	

CASWELL#	CHEMICAL	X-REFEREN
	6-Chloropiperonyl-2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate	071AA
214C	3-Chloropivaloic chloride FMC 65361	
	Chloropon	882F
214A	3-Chloro-1,2-propanediol α-Chlorohydrin 3-Chloro-1,2-dihydroxypropane Epibloc U 5897 CAS: 96-24-2 SHA: 117101	
	(E,E)-(+-)-2-[1-[[3-Chloro-2-propenyl)oxy]imino]butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one	224E
	(E)-2-[1-(((3-Chloro-2-propenyl)oxy)imino)propyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one	721F
	Chloropropylate	511B
215	3-Chloropropyl octyl sulfoxide (CA) MGK R-1207 CAS: 3569-57-1	
215A	4-Chloropyridine-N-oxide CAS: 1121-76-2 SHA: 069204	
	Chlorpyrifos-methyl	179AA
	2-[4-[(6-Chloro-2-quinoxalinyl)oxy]phenoxy)propanic acid	721H
215D	2-[4-[(6-Chloro-2-quinoxalinyl)oxy]phenoxy]ethyl propionate Quizalofop ethyl ester (ANSI) DPX Y6202 Assure CAS: 76578-14-8 SHA: 128201	

CASWELL#	CHEMICAL	X-REFEREN
215BB	5-Chlorosalicylanilide CAS: 4638-48-6	
215C	Chlorosulfamic acid CAS: 7778-42-9 SHA: 215200 CFR: 180.201	
	(+-)-3'-Chloro-N-(tetrahydro-2-oxo-3-furyl)cyclopropanecarboxanilide	272F
215B	Chlorothalonil (ANSI) Tetrachloroisophthalonitrile Daconil 2787 Forturf CAS: 1897-45-6 SHA: 081901 CFR: 180.275	
215E	Chlorothene	
216	6-Chlorothymol (CA) CAS: 89-68-9 SHA: 080403	
	3-Chloro-P-toluidine	195H
216H	4-Chloro-o-toluidine CAS: 95-69-2	
216I	5-Chloro-2-toluidine CAS: 95-79-4	
216A	3-Chloro-p-toluidine hydrochloride Starlicide DRC-1339 CAS: 7745-89-3 SHA: 009901	

CASWELL#	CHEMICAL	X-REFEREN
216C	4-Chloro-o-toluidine hydrochloride	
	N'-(4-Chloro-o-tolyl)-N,N-dimethylformamidine hydrochloride	174B
	N'-(4-Chloro-o-tolyl)-N,N-dimethylformidine	174A
216D	3-(3-Chloro-p-tolyl)-1,1-dimethylurea Chlortoluron (BSI) 3-(3-Chloro-4-methylphenyl)-1,1-dimethylurea CAS: 15545-48-9 SHA: 216500	
	4-Chloro-o-tolyloxyacetic acid	557C
	4-(4-Chloro-o-tolyloxy)butyric acid	558
216E	2-[(4-Chloro-o-tolyl)oxy]ethyl sodium sulfate MCPES CAS: 1081-53-4 SHA: 216700	
216F	2-[(4-Chloro-o-tolyl)oxy]-N-methoxyacetamide OCS 21799 CAS: 1081-53-4 SHA: 216700	
	2-(4-Chloro-2-tolyloxy)propionic acid	559
217	2-Chloro-6-(trichloromethyl)pyridine Nitrapyrin (ANSI) N-serve CAS: 1929-82-4 SHA: 069203 CFR: 180.350	

CASWELL#	CHEMICAL	X-REFERE
217A	2-Chloro-1-(2,4,5-trichlorophenyl)vinyl dimethylphosphate	
	SD 8447	
	Tetrachlorovinphos (ISO)	
	Gardona	
	Rabon	
	Stirofos	
	CAS: 961-11-5	
	SHA: 083701	
	CFR: 180.252	
217C	2-Chloro-N-[[4-(trifluoromethoxy)phenyl]amino carbonyl]benzamide	
	1-(o-Chlorobenzoyl)-3-[p-(trifluoromethoxy)phenyl]urea (8CI)	
	Sir 8514	
	Bay Sir 8514	
	Trifumuron	
	Alsystin	
	CAS: 64628-44-0	
	SHA: 118201	
217AC	2-[2-Chloro-4-(trifluoromethyl)-anilino]-3-methylbutanoic acid	
	Anilino acid	
	RCAA	
	2-Chloro-4-(trifluoromethyl)-formanilide	465L
217AA	6-Chloro-2-(trifluoromethyl)-3H-imidazo[4,5-b]pyridine	
	Fluoromidine (ISO)	
	CAS: 13577-71-4	
	SHA: 217300	
217AB	N-[2-Chloro-5-(trifluoromethyl)phenyl]-2,4-dinitro-6-(trifluoromethyl)benzenamine	
	Fentrifanil	
	N-(6-Chloro-α,α,α-trifluoro-m-tolyl)-α,α,α-trifluoro-4,6-dinitro-o-toluidine	
	CAS: 62441-54-7	
	SHA: 120701	
	N-[2-Chloro-4-(trifluoromethyl)phenyl]-DL-valine (+-)-cyano(3-phenoxyphenyl)methyl ester	934

CASWELL#	CHEMICAL	X-REFEREN
271AD	1,4-bis[2-Chloro-4-(trifluoromethyl)phenyl]-2,5-piperazinedione, isomer A DKB isomer A	
271AE	1,4-bis[2-Chloro-4-(trifluoromethyl)phenyl]-2,5-piperazinedione, isomer b DKB isomer B	
	1-[N-(4-Chloro-2-trifluoromethylphenyl)-propoxyacetimidoyl]-imidazole	888B
	N-[4-(3-Chloro-5-trifluoromethyl-2-pyridinyl-oxy)-3,5-dichlorophenyl-aminocarbonyl]-2,6-difluorobenzamide	167D
217D	2-[4-(3-Chloro-5-trifluoromethyl-2-pyridinyl)phenoxy]propionic acid SHA: 125202	
	N-(2-Chloro-α,α,α-trifluoro-p-tolyl)-DL-valine(+-)-α-cyano-phenoxybenzyl ester	934
	2-Chloro-α,α,α-trifluoro-p-tolyl-p-nitrophenyl ether	601BD
	N-(6-Chloro-α,α,α-trifluoro-m-tolyl)-α,α,α-trifluoro-4,6-dinitro-o-toluidine	217AB
217B	Chloroxuron (ANSI) 3-[p-(p-Chlorophenoxy)phenyl]-1,1-dimethylurea (CA) Tenoran C 1983 Norex CAS: 1982-47-4 SHA: 025501 CFR: 180.216	
	p-Chloro-m-xylenol	218
218	4-Chloro-3,5-xylenol (CA) 4-Chloro-3,5-dimethylphenol p-Chloro-m-xylenol Ottasept CAS: 88-04-0 SHA: 086801	
	[(2-Chloro-N-2,6-xylyl)-acetamido]-N-4-hydroxybutyric acid	615A

CASWELL#	CHEMICAL	X-REFEREN
219	6-Chloro-3,4-xylyl methylcarbamate	
	6-Chloro-3,4-dimethylphenyl methylcarbamate	
	Carbonalate (ISO)	
	Banol	
	CAS: 68989-02-6	
	SHA: 218900	
219A	6-(and 2)-Chloro-3,4-xylyl methylcarbamate (CA)	
	SOK	
	CAS: 53537-61-4	
	SHA: 038701	
	Chloroxynil	309A
	Chlorphedine	174A
	Chlorphonium chloride	866
	Chlorphos	385
219C	Chlorphoxim (ISO)	
	o-Chlorophenylglyoxylonitrile oxime-O,O-diethylphosphorothioate	
	Bay 78182	
	Chlorprazophos	197B
	Chlorprocarb	197A
	Chlorpropham	510A
219AA	Chlorpyrifos (ANSI)	
	O,O-Diethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate	
	Dursban	
	Lorsban	
	Trichlorpyrphos	
	Pyrinex	
	Dowco 179	
	Brodan	
	CAS: 2921-88-2	
	SHA: 059101	
	CFR: 180.342	

CASWELL#	CHEMICAL	X-REFEREN
	Chlor uinox	832C
	2-Chl rsulfuron	194AA
219B	Chlortetracycline Aureomycin Biomycin CAS: 57-62-5 SHA: 006301	
	Chlorthal	833A
	Chlorthal-dimethyl	382
	Chlorthal-methyl	382
	Chlorthiamid	326B
	Chlorthion	201
	Chlorthiophos	310A
	Chlortoluron	216D
220A	Choline ester of phenylsulfonic acid, methyl sulfate CAS: 22232-15-1 SHA: 220300	
	Choristoneura sp.	902CB
	Chromaphon	345A
220C	Chromic acetate CAS: 1066-30-4	
221	Chromic acid CAS: 7738-94-5 SHA: 021101	

CASWELL#	CHEMICAL	X-REFEREN
220B	Chromium	
220E	d-trans-Chrysanthemic acid of 1-allethrolone 1-Allethrolone, d-trans chrysanthemic acid of	
220D	d-trans-Chrysanthemic acid of d-allethrolon Allethrolone, d-trans chrysanthemic acid of	
220F	1-trans-Chrysanthemic acid of d-allethrolone d-Allethrolone, 1-trans chrysanthemic acid of	
220G	1-trans-Chrysanthemic acid of 1-allethrolone 1-Allethrolone, 1-trans chrysanthemic acid of	
220H	d-cis-Chrysanthemic acid of d-allethrolone d-Allethrolone, d-cis chrysanthemic acid of	
220I	d-cis-Chrysanthemic acid of 1-allethrolone 1-Allethrolone, d-cis chrysanthemic acid of	
220J	1-cis-Chrysanthemic acid of d-allethrolone d-Allethrolone, 1-cis chrysanthemic acid of	
220K	1-cis-Chrysanthemic acid of 1-allethrolone 1-Allethrolone, 1-cis chrysanthemic acid of	
	Cidial	427B
	Cinch	731G
	Cinmethylin	731G
221A	Cinnamaldehyde CAS: 104-55-2 SHA: 040506	
	Ciodrin	378

CASWELL#	CHEMICAL	X-REFERE
	CIPC	510A
221E	CI Pigment Blue # 5	
	Cisanilide	380A
	Cismethrin	083E
221B	Citral CAS: 5392-40-5 SHA: 040510	
221C	Citric acid CAS: 77-92-9 SHA: 021801	
	CL 18,161	849B
	CL 18,177	849C
	CL 64,475	2688B
224B	CL 94,269 N-(1-Ethylpropyl)-2,6-dinitroso-3,4-xylidine	
	CL 99,900	455C
221I	CL 113,071	
223A	CL 113,072 4-[(1-Ethyl-2-hydroxypropyl)amino]-3,5-dinitro-o-toluic acid	
309E	Cl 182,005 3,4-Dichloro-5-isothiazole carboxylic acid	
221H	CL 202,134	

CASWELL#	CHEMICAL	X-REFERE
223B	CL 202,345 4-[(1-Ethyl-3-hydroxypropyl)amino]-3,5-dinitro-o-toluic acid	
224A	CL 202,347 4[(1-Ethylpropyl)amino]-2-methyl-3,5-dinitrobenzyl alcohol 3,5-Dinitrobenzyl alcohol	
	CL 206,784	194AB
	CL 217,300	642AB
	CL 243,997	003F
	CL 252,925	003D
	Claire disinfectant	016
	Classic	193B
224D	Clavibactor Xyli-Cynodontis	
	Cleary's 3336	344A
	Clethodrin	721F
	Clinafarm	497AB
	Clobber	272
	Cloethocarb	073A
	Clofentezine	593A
	Clofop-isobutyl	503C
	Clomazone	463D
	Clonitralid	314

CASWELL#	CHEMICAL	X-REFERENC
	Clopidol	306AA
	Cloprop	206
224E	Cloproxydim (ANSI) (E,E)-(+-)-2-[1-[[(3-Chloro-2-propenyl)oxy]imino]butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one	
	Clopyralid	323H
	Clout	025AA
	CMA	136D
224C	CME 134 1-(3,5-Dichloro-2,4-difluorophenyl)-3-(2,6-difluoro-benzoyl)-urea	
	CMGV-M-63	471BB
	CMPP	559
223	Coal tar CAS: 8007-45-2 SHA: 022003	
224	Coal tar acids Coal tar phenols CAS: 1319-77-3 SHA: 022101	
225	Coal tar creosote Coal tar creosote oils CAS: 8001-58-9 SHA: 025004	
	Coal tar creosote oils	225
225A	Coal tar hydrocarbons Coal tar neutral oils CAS: 8002-29-7 SHA: 025001	

CASWELL#	CHEMICAL	X-REFERENC
	Coal tar neutral oils	225A
	Coal tar phenols	224
226	Cobalt naphthenate CAS: 61789-51-3 SHA: 025101	
	Cobex	335C
226B	Cochin oil	
226C	Cocodiethanolamide N,N-Bis alkyl*-(2-hydroxyethyl)alkylamide *(C8-C18) CAS: 68603-42-9	
	COCS	250
226A	Cod liver oil CAS: 8001-69-2 SHA: 031609	
519	Colaminoformylmethyl-pyridinium chloride, N-lauroyl ester CAS: 6272-74-8 SHA: 069131	
	Collego	226AA
226AA	Colleotrichum gleosporiodes f. sp. aeschynomene ATCC 20358 Collego SHA: 122807 CFR: 180.107	
226D	Colleotrichum gleosporoides f. sp. jussiaeae	
	Combat	194AB

CASWELL#	CHEMICAL	X-REFERENC
226AB	Combustion gases	
	Commend	
	Compound 1080	4630
	Compound 1081	770
	Compound 1861	461
	Compound 2421	038
	Compound 4072	016I
	Compound 5353	187
	Compound 56722	454C
	Compound 67019	207AA
	Compound 94961	623A
	Compound 121607	453B
	Compound 122664	419F
	Compound 193136	279J
	Coopertox	419U
227A	Copolymer of Methylenemethacrylate, Tributyltinmethyacrylate,methoxyethylacrylate	861
227	Copper Copper powder CAS: 7440-50-8 SHA: 022501	
228	Copper abietate CAS: 25986-23-6 SHA: 023301	

CASWELL#	CHEMICAL	X-REFERENC
229	Copper acetate CAS: 4180-12-5 SHA: 044002	
229A	Copper acetoarsenite Paris green CAS: 12002-03-8 SHA: 022601	
229B	Copper ammonium carbonate CAS: 33113-08-5 SHA: 022703	
230	Copper ammonium naphthenate SHA: 022701	
232	Copper arsenate CAS: 10103-61-4 SHA: 022801 CFR: 180.193	
232A	Copper arsenate chromated	
233	Copper arsenite CAS: 10290-12-7 SHA: 022401	
235	Copper carbonate CAS: 12069-69-1 SHA: 022901 CFR: 180.316	
235A	Copper chloride (dihydrate) CAS: 10125-13-0 SHA: 023701	
235B	Copper citrate CAS: 10402-15-0 SHA: 044005	

CASWELL#	CHEMICAL	X-REFERE
235C	Copper complex with ammonia and ethylene diaminetetraacetate SHA: 235400	
238	Copper cresylate CAS: 12379-42-9 SHA: 023001	
236	Copper dehydroabietyl ammonium 2-ethylhexanoate CAS: 53404-24-3 SHA: 041202	
237	Copper dihydrazinium sulfate Omazene CAS: 33271-65-7 SHA: 050504	
239A	Copper ethylenediamine complex Komeen CAS: 13426-91-0	
240	Copper ethylenediaminetetraacetate CAS: 54453-03-1 SHA: 039105	
239	Copper 2-ethylhexanoate CAS: 22221-10-9 SHA: 041201	
241	Copper hydrazinium sulfate CAS: 53433-02-6 SHA: 050501	
242	Copper hydroxide CAS: 20427-59-2 SHA: 023401	
242A	Copper hydroxynaphthenate SHA: 023101	

CASWELL#	CHEMICAL	X-REFERE
	Copper 8-hydroxyquinoline	253
231	Copper (in the form of an ammonia complex) CAS: 16828-95-8	
243	Copper lactate CAS: 16039-52-4 SHA: 023302	
244	Copper linoleate CAS: 53404-08-3 SHA: 023303	
244A	Copper monoethanolamine	
245	Copper naphthenate CAS: 1338-02-9 SHA: 023102	
246	Copper nitrate CAS: 3251-23-8 SHA: 076102	
247	Copper nitroacetate CAS: 22221-12-1 SHA: 023201	
248	Copper oleate CAS: 1120-44-1 SHA: 023304	
248A	Copper oxalate Cupric oxalate CAS: 814-91-5 SHA: 023305	
248B	Copper oxide CAS: 1317-39-1	

CASWELL#	CHEMICAL	X-REFERE
	Copper oxinate	253
249	Copper oxychloride CAS: 1332-40-7 SHA: 023501	
250	Copper oxychloride sulfate COCS CAS: 8012-69-9 SHA: 023503	
251	Copper 3-phenylsalicylate CAS: 5328-04-1 SHA: 023801	
251A	Copper phthalocyaninato CAS: 147-14-8	
	Copper powder	227
252	Copper pyrophosphate CAS: 10102-90-6 SHA: 069701	
253	Copper 8-quinolinolate Bioquin Copper oxinate Copper 8-hydroxyquinoline CAS: 10380-28-6 SHA: 024002	
254A	Copper salt of fatty and rosin acids CAS: 9007-39-0 SHA: 023104	
254	Copper salts of the acids of tall oil CAS: 61789-22-8 SHA: 023103	

CASWELL#	CHEMICAL	X-REFEREN
255	Copper silicate CAS: 1344-72-5 SHA: 024301	
254AB	Copper silicofluoride CAS: 12062-24-7 SHA: 075309	
256	Copper sulfate Copper sulfate pentahydrate CAS: 7758-99-8 SHA: 024401	
255A	Copper sulfate anhydrous CAS: 7758-98-7	
257	Copper sulfate monohydrate CAS: 10257-54-2 SHA: 024402	
	Copper sulfate pentahydrate	256
257BB	Copper (triethanolamine complex)	
258	Copper zeolite SHA: 024601	
259	Copper-zinc-chromate complex (declare percentages of the metals) Miller 658 Crag Fungicide 658 CAS: 1344-74-7 SHA: 021003	
	CO-RAL	335
	Corbit	052A
	Correx	525BB

CASWELL#	CHEMICAL	X-REFERE
	Corrosive sublimate	544
259B	Cosan 145 2-[2(Hydroxymethyl-dioxymethyleneoxy)propyl]-S-methyloxazolidine	
259AA	Cosan 265 1,1'-(2-Butylene)bis(3,5,7-triaza-1-azoniaadamantane) CAS: 51350-84-6 SHA: 106801	
259D	Cosan 528 2-Chloro-N-(2-methyl-4-bromophenyl)acetamide	
	Cosmaquil CQ	676
	Cotoran	460A
259L	Cottonseed Flour	
259A	Cottonseed oil CAS: 8001-29-4 SHA: 031602	
	Coumachlor	004A
	Coumafene	903
	Coumafuryl	005
	Coumaphene	903
	Coumaphos (ISO)	335
259C	Coumarin CAS: 91-64-5 SHA: 127301	
	Coumatetralyl	496A

CASWELL#	CHEMICAL	X-REFERENC
	Coumithoate	345A
	Counter	131A
	Coyden	306AA
	CP 15336	299
	CP 31393	194
	CP 41845	471A
	CP 47114	373
	CP 51214	344C
	CP 53619	119B
	CP 67573	661A
	CP 70139	471AAB
259E	CP 76095 N-(Methoxymethyl)-2-(methylsulfonyl)-2',6'-diethylacetanilide	
259F	CP 76096 N-(Methoxymethyl)-2-(methylthio)-2',6'-diethylacetanilide	
259G	CP 76097 N-(Methoxymethyl)-2-(methylsulfinyl)-2',6'-diethylacetanilide	
	CP 76100	604AAB
259H	CP 91431 2-(Methylsulfinyl)-2',6'-diethylacetanilide	
259I	CP 91432 2-(Methylsulfonyl)-2',6'-diethylacetanilide	

CASWELL#	CHEMICAL	X-REFERENC
259J	CP 97230 N-2-Ethyl-6-(1-acetoxyethyl)-phenyl-2-(methylsulfonyl) acetamide	
	CP 101394	447D
	CP 101064	342A
	CP 101065	344D
	CP 108267	344E
	CP 522223	278AA
259K	CP 101384 N-2-Ethyl-6-(1-hydroxyethyl)phenyl-2-(methylsulfonyl) acetamide	
	4-CPA	204
	Crab-E-Rad 100	405
	Crag 341	471
	Crag Fly Repellent	122
	Crag Fungicide 658	259
	Crag Herbicide 1	319
	Crag Turf Fungicide 531	134AA
260	Creosote CAS: 001-58-9 SHA: 025003	
261	Creosote, oil CAS: 61789-28-4 SHA: 025003	

CASWELL#	CHEMICAL	X-REFERENCI
260A	Creosote, wood CAS: 8021-39-4	
261A	m-Cresol CAS: 108-39-4 SHA: 022102	
261B	Cresol mercury naphthenate	
	S-(2,3,3-Crichlorallyl) diisopropylthiocarbamate	870A
	Crimidine	188
	Crisaline	889
	Crisapon	273
	Crisatrine	431
	Crisulfan	420
263AA	Croneton α-Ethylthio)-o-tolyl methylcarbamate (ISO,BSI) 2-[(Ethylthio)methyl]phenyl methylcarbamate Ethiofencarb (ISO,BSI) Hox 1901 CAS: 29973-13-5 SHA: 112101	
	Crotoxyphos (ISO)	378
263A	Crufomate (ANSI) 4-tert-Butyl-2-chlorophenyl methylmethylphosphoramidate (CA) Ruelene CAS: 299-86-5 SHA: 012101 CFR: 180.295	

CASWELL#	CHEMICAL	X-REFERENCE
	Cryofluorane	326A
264	Cryolite	
	Sodium fluoaluminate	
	Kryocide	
	CAS: 15096-52-3	
	SHA: 075101	
	CFR: 180.145	
264A	Crystal violet	
	CAS: 548-62-9	
	SHA: 039502	
	CS	207G
	cis/trans-CTAC	181
264AB	Cubeb oil	
	CAS: 17699-14-8	
	SHA: 117901	
264AA	Cubene	
	CAS: 98-82-8	
	SHA: 264300	
	Culversan LC80	016
264E	Cumene	
	m-Cumenyl methylcarbamate	512A
	o-Cumenyl methylcarbamate	512B
264BB	Cuprammonium zirconyl carbonate (declare percentages of Cu and Zr)	
	Cupric zirconyl ammonium carbonate complex	
264B	Cupric ferric subsulfate complex	
	SHA: 042402	

CASWELL#	CHEMICAL	X-REFERENC
	Cupric oxalate	248A
265	Cupric oxide CAS: 1317-38-0 SHA: 042401	
	Cupric zirconyl ammonium carbonate complex	264BB
	Cuprobam	883B
265A	Cuprous iodide Hydro-glene CAS: 7681-65-4	
266	Cuprous oxide CAS: 1317-39-1	
265B	Cuprous sulfide Novamet 632 CAS: 22205-45-4	
266A	Cuprous thiocyanate CAS: 1111-67-7 SHA: 025602	
266AA	Curacron O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propyl phosphorothioate (CA) Profenofos (ANSI) CGA 15,324 Selecron CAS: 41198-08-7 SHA: 111401 CFR: 180.404	
266D	Cutless α-(1-methylethyl-α-[4-trifluoromethoxyphenyl]-5-pyrimidine methanol EL 500 Flurprimidol (ANSI) CAS: 56425-91-3	

CASWELL#	CHEMICAL	X-REFEREN
	Cyanamid	140
	Cyanamide	140
	Cyanazine	188C
	S-Cyanuric acid	862
266F	5-Cyano-1-(1,1-Dimethylethyl)-N-Methyl-1H-Pyrazole-4-Carboxamide EL-177 Pyrazole carboxamide	
	2-Cyano-N-[(ethylamino)carbonyl]-2-(methylimino)acetamide	271K
266C	β-Cyanoethyl-2,3-dibromopropionate Busan 76 CAS: 27983-69-3 SHA: 266400	
	Cyanoethylene	010
266BB	N-(2-Cyanoethyl)-N'-alkyl*-1,3-diaminopropane *(C6-C18, fatty acids of coconut oil) 1-(Alkyl*-amino)-3-(2-cyanoethylamino)propane 4WC317 (part, see casw 016II, 016C, & 019FF)	
	Cyanofenphos	268G
266E	Cyano(4-fluoro-3-phenoxyphenyl)methyl-3-(2,2-dichloro-ethenyl)-2,2-dimethyl-cyclopropanecarboxylate Bay FCR 1272 Baythroid Cyfluthrin FCR-1272 CAS: 68359-37-5 SHA: 128831	
	Cyanogas	142
267	Cyanogen chloride CAS: 506-77-4 SHA: 025801	

CASWELL#	CHEMICAL	X-REFEREN
	1-Cyanoguanidine	329B
	3-(Cyanoguanidino)methylmercury	268
	Cyanohydrin	267B
267A	S-[[(1-Cyano-1-methylethyl)carbamoyl]methyl]-O,O-diethylphosphorothioate Cyanthoate (ISO) CAS: 3734-95-0	
268	Cyano(methylmercuri)guanidine 3-(Cyanoguanidino)methylmercury (CA) Methylmercury dicyanodiamide Panogen CAS: 502-39-6 SHA: 051909	
	(R+S)-α-Cyano-3-phenoxybenzyl-(1R+1S)-cis-3-(z-2-chloro-3,3,3-trifluoro-prop-1-enyl)-2,2-dimethylcyclopropanecarboxylate	271F
	(RS)-α-Cyano-3-phenoxybenzyl-(EZ)-(1RS,3RS)-3-(2-chloro-3,3,3-trifluoro-prop-1-enyl)-2,2-dimethylcyclopropane-1-carboxylate	725D
	(RS)-α-Cyano-3-phenoxybenzyl-(1RS)-cis-3-(Z-2-chloro-3,3,3-trifluoro-prop-1-enyl)-2,2-dimethyl cyclopropane carboxylate	725C
	α-Cyano-3-phenoxybenzyl-2-[2-chloro-5-(trifluoro-methyl)-anilino]-3-methylbutanoate	504D
	(RS)-α-Cyano-3-phenoxybenzyl-(1RS)-cis,trans-chrysanthemate	725A
	α-Cyano-3-phenoxybenzyl-3-(2,2-dibromovinyl)-2,2-dimethyl cyclopropanecarboxylate	463B
	(+-)α-Cyano-m-phenoxy-benzyl(+)-2-(p-difluoromethoxy)phenyl-3-methylbutyrate	002AA
	α-Cyano-3-phenoxybenzyl-2-[2-fluoro-4-(trifluoro-methyl)-anilino]-3-methylbutanoate	462B
	α-Cyano-m-phenoxy-benzyl-(1R-(1-α-(S*)3-α-(RS*)))-2,2-dimethyl-3-(1,2,2,2-tetrabromoethyl)cyclopropanecarboxylate	861AA
268F	α-Cyano-4-phenoxybenzyl-2,2,3,3-tetramethyl-1-cyclopropane carboxylate CAS: 39515-41-8	

CASWELL#	CHEMICAL	X-REFERE
268J	(S)-Cyano(3-phenoxyphenyl)methyl-(S)-4-chloro-alpha-(1-methylethyl)-benzeneacetate ASANA	
	1-alpha-(S)-,3-alpha(Z)-(+-)-Cyano-(3-phenoxyphenyl)methyl-3-(2-chloro-3.3.3-trifluoro-1-propenyl)-2.2-dimethylcyclopropanecarboxylate	725C
	(+-)-α-Cyano-3-(phenoxyphenyl)methyl-(+-)-cis-3-(z-2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate	271F
	(+-)α-Cyano-(3-phenoxyphenyl)methyl (+-)-cis,trans-3-(2,2-dichloro-ethenyl-2,2-dimethyl) cyclopropane carboxylate	271DD
268AA	Cyano-(3-phenoxyphenyl)methyl-3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylate CAS: 52315-07-8 SHA: 109702	
	(+-)Cyano(3-phenoxyphenylmethyl (+)4-difluoromethoxy)-α-(1-methylethylethyl)benzeneacetate	002AA
	Cyano(6-phenoxy-2-pyridinyl)methyl-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane carboxylate	456L
268A	O-(4-Cyanophenyl)-O,O-dimethyl phosphorothioate Cyanophos (ISO,BSI) CAS: 2636-26-2 SHA: 268200	
268G	O-(4-Cyanophenyl)-O-ethyl phenylphosphonothioate Suercide Cyanofenphos (ISO,BSI) CAS: 13067-93-1	
	Cyanophos	268A
	Cyano-3-phenoxybenzyl-2,2,3,3-tetramethylcyclopropane-carboxylate	273H
	Cyanthoate	267A
	Cyclafuramid	271H

CASWELL#	CHEMICAL	X-REFEREN
268B	Cyclic ethylene ester of diethoxyphosphinyl dithio-imidocarbonic acid Cyolane Cyclic ethylene-P,P-diethyl phosphonodithio-imidocarbonate AC 47,031 Phosfolan CAS: 947-02-4 SHA: 268300	
	Cyclic ethylene-P,P-diethyl phosphonodithio-imidocarbonate	268B
268BB	Cyclic methylene (diethoxyphosphinyl)dithio-imidocarbonate Diethoxyphosphinylimido-1,3-dithiethane Diethyl-1,3-dithiethane-2-ylidene-phosphoramidate Nem-A-Tak AC 64,475 CL 64,475 Fosthietan (ANSI) CAS: 21548-32-3 SHA: 113301	
268H	Cyclic propylene-P,P-diethyl phosphonodithioimidocarbonate Mephosfolan (ISO,BSI)	
	Cycloate	432A
268D	β-Cyclodextrin	
268C	4-Cyclododecyl-2,6-dimethylmorpholine Dodemorph (BSI,ISO) CAS: 1593-77-7 SHA: 110401	
268E	4-Cyclododecyl-2,6-dimethylmorpholine acetate Dodemorph acetate Meltatox Milban Cyclomorph CAS: 31717-87-0 SHA: 213600	

CASWELL#	CHEMICAL	X-REFEREI
2681	4-Cyclododecyl-2,6-dimethylmorpholine benzoate Dodemorph benzoate (ISO,BSI) CAS: 59145-63-0	
269	Cyclohexane CAS: 110-82-7 SHA: 025901	
270B	Cyclohexanol CAS: 108-93-0	
270	Cyclohexanone CAS: 108-94-1 SHA: 025902	
	1-(Cyclohexene-1,2-dicarboximido)methyl-2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate	844
270A	Cycloheximide 3-[2-(3,5-Dimethyl-2-oxocyclohexyl)-2-hydroxyethyl]glutarimide Actispray Hizarocin Naramycin Actidione CAS: 66-81-9 SHA: 043401 CFR: 180.336	
271	2-Cyclohexylcyclohexanol (CA) CAS: 6531-86-8 SHA: 065001	
271AAA	2-Cyclohexyl-4,5-dichloro-4-isothiazolin-3-one CAS: 57063-29-3 SHA: 114601	
	3-Cyclohexyl-6,7-dihydro-1H-cyclopentapyrimidine-2,4-(3H,5H)-dione	525A

CASWELL #	CHEMICAL	X-REFERENC
271AA	3-Cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1H,3H)-dione Hexazinone (ANSI) Velpar DPX 3674 CAS: 51235-04-2 SHA: 107201 CFR: 180.396	
271H	N-Cyclohexyl-2,5-dimethyl-3-furamide Cyclafuramid (ISO,BSI) CAS: 34849-42-8	
	2-Cyclohexyl-4,6-dinitrophenol	391
	N-Cyclohexyl-N-methoxy-2,5-dimethyl-3-furancarboxamide	907B
271G	O-Cyclohexyl-O,S-diethyl phosphorothioate Hexylthiofos (ISO PROP) NTN 3318 CAS: 41495-67-4	
271E	Cyclohexylstannoic acid	
	3-Cyclohexyl-5,6-trimethyleneuracil	525A
	Cyclomorph	268E
271A	3-Cyclooctyl-1,1-dimethylurea Cycluron (BSI,ISO) CAS: 2163-69-1 SHA: 035504	
	2-Cyclopentyl-p-chlorophenol	186
271I	2-Cyclopentylphenyl methylcarbamate Phencyclocarb (ISO PROP) CAS: 3282-00-6	

CASWELL#	CHEMICAL	X-REFERENCE
271BBP	Cycloprate	
	Hexadecyl cyclopropanecarboxylate	
	Zardex	
	CAS: 54460-46-7	
	SHA: 115601	
	Cyclopropanecarboxylic acid, 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-2-methyl[1,1'-biphenyl]-3-yl methyl ester	463F
271M	N-Cyclopropyl-N'-(1,1-dimethylethyl)-6-methylthio)-1,3,5-triazine-2,4-diamine	
	CAS: 28159-98-0	
	α-Cyclopropyl-α-(p-methoxyphenyl)-5-pyrimidinemethanol	051A
271BB	N-(Cyclopropylmethyl)-α,α,α-trifluoro-2,6-dinitro-N-propyl-p-toluidine	
	Profluralin (ANSI)	
	Pregard	
	CGA 10,832	
	ER-5461	
	Tolban	
	CAS: 26399-36-0	
	SHA: 106601	
	CFR: 180.348	
	N-Cyclopropyl-1,3,5-triazine-2,4,6-triamine	167B
	Cycluron	271A
	Cycocel	191
	Cyfluthrin	266E
	Cygon	358

CASWELL#	CHEMICAL	X-REFERENCE
271F	Cyhalothrin	
	(R+S)-a-Cyano-3-phenoxybenzyl-(1R+1S)-cis-3-(2-chloro-3,3,3-trifluoro-prop-1-enyl)-2,2-dimethylcyclopropanecarboxylate	
	(+-)-a-Cyano-3-(phenoxyphenyl)methyl(+-)-cis-3-(z-2-chloro-3,3,3,-tri-fluoroprop-1-enyl)-2,2,-dimethylcyclopropanecarboxylate	
	Grenade	
	PP 563	
	R 157836	
	CAS: 68085-85-8	
	Cyhexatin	884A
	Cymbush R	271DD
271K	Cymoxanil (ANSI)	
	2-Cyano-N-[(ethylamino)carbonyl]-2-(methylimino)acetamide (9CI)	
271C	m-Cym-5-yl methylcarbamate	
	Promecarb (ISO)	
	3-Methyl-5-isopropylphenyl methylcarbamate	
	SN 316	
	Carbamult	
	OMS 716	
	Nor-Am	
	EP 316	
	CAS: 2631-37-0	
	SHA: 271400	
	Cynem	345
	Cyolane	268B
	Cypendazole	560

CASWELL#	CHEMICAL	X-REFERENCE
271DD	Cypermethrin (ANSI)	
	(+-)α-Cyano-(3-phenoxyphenyl)methyl (+-)-cis,trans-3-(2,2-dichloro-ethenyl-2,2-dimethyl) cyclopropane carboxylate	
	Cymbush R	
	PP 383	
	Ammo	
	Kefil Super	
	NRDC 149	
	CCN52	
	CAS: 66841-24-5	
	SHA: 109704	
	CFR: 180.418	
	Cypermethrin minus	271DE
	Cyperquat chloride	574C
271D	Cyprazine (ANSI)	
	2-Chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine	
	Cyprozine	
	Outfox	
	S 6115	
	S 9115	
	CAS: 22936-86-3	
	SHA: 100401	
	CFR: 180.306	
271L	Cyprazole (ANSI)	
	N-[5-(2-Chloro-1,1-dimethylethyl)-1,3,4-thiazol-2-yl]cyclopropanecarboxamide	
	CAS: 42089-03-2	
	Cyprex	419
272E	Cyproconazole	
	SAN 619F	
	alpha-(4-Chlorophenyl)-alpha-(1-cyclopropyl ethyl)-1H-1,2,4-triazole-1-ethanol	

CASWELL#	CHEMICAL	X-REFERENCE
272F	Cyprofuram	
	(+-)-3'-Chloro-N-(tetrahydro-2-oxo-3-furyl)cyclopropane carboxamilide	
	(+-)-N-(3-Chlorophenyl)-N-(tetrahydro-2-oxo-3-furanyl)cyclopropanecarboxamide	
272	Cypromid (ANSI)	
	3',4'-Dichlorocyclopropanecarboxanilide	
	Clobber	
	S 6000	
	CAS: 2759-71-9	
	SHA: 026101	
	Cyprozine	271D
	Cyromazine (ANSI)	167B
272C	Cysteine	
	Cytex	740A
272B	Cythioate (FDA)	
	O,O-Dimethyl-O-p-sulfamoylphenyl phosphorothioate	
	Proban	
	CAS: 115-93-5	
	SHA: 059501	
	Cythion	535
272D	Cytokinin	
	CAS: 525-79-1	
	SHA: 116801	
	Cytox 2013	418A
	Cytox 3711	902A
	Cytox 3810	188D
	Cytrol	040

CASWELL#	CHEMICAL	X-REFERENCE
	2,4-D	315
	D-735	165A
	DAC-3701	4960
	Dacamine	881
	Dacamox	3688B
	Daconil 2787	215B
	Dacthal	382
273	Dalapon (ANSI) 2,2-Dichloropropionic acid (CA) Dowpon Radopon Unipon Ded-Weed Basfapon Crisapon CAS: 75-99-0 SHA: 028901 CFR: 180.150	
273BB	Dalapon, diethylene glycol ester 2,2-Dichloropropionic acid, diethylene glycol ester	
273BC	Dalapon, magnesium salt 2,2-Dichloropropionic acid, magnesium salt Dowpon M CAS: 29110-22-3	
273A	Dalapon, sodium salt 2,2-Dichloropropionic acid, sodium salt CAS: 127-20-8 SHA: 028902	

CASWELL#	CHEMICAL	X-REFERENCE
	Daminozide	808
	Danifos	211E
273H	Danitol Fenpropathrin Cyano-3-phenoxybenzyl-2,2,3,3-tetramethylcyclopropane-carboxylate S 3206 WL 41706 CAS: 39515-41-8 SHA: 127901	
273AB	Dantoin-DMDMH 1,3-Dimethylol-5,5-dimethylhydantoin 1,3-Bis(hydroxymethyl)-5,5-dimethyl-2,4-imidazolidinedione Glycoserve-DMDMH CAS: 6440-58-0 SHA: 115501	
	DAS	359B
	Dasanit	343
	DATC	299
	Daxtron	882G
	Dazomet	840
	2,4-DB	316
	DBCP	287
	DBD	374
	DBNPA	287AA
273F	DC 5700	

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CASWELL#	CHEMICAL	X-REFERENCE
	DCA	3000
	DCD	3298
403A	DCDIC	
	DCMO	165A
	DCMU	410
	DCNA	311
	DCPA	382
273G	DCPU Dichloro-phenylurea	
	DCU Crag Herbicide 2	103
	DDD	307
	D-D Mixture	324
	DDT	308
	DDVP	328
	DE 488	130BB
	DEA	315M
	Deactivator H	888
	Dearicide	023C
	Dearicide 732	016
	2,4-DEB	317

CASWELL#	CHEMICAL	X-REFERENCE
274	Decachlorobis(2,4-cyclopentadien-1-yl) Dienochlor (ISO PROP) Bis(pentachloro-2,4-cyclopentadien-1-yl),1,1',2,2',3,3',4,4',5,5'-decachloro-bi-2,4-cyclopentadien-1-yl (CA) Pentac CAS: 2227-17-0 SHA: 027501	
275	Decachlorooctahydro-1,3,4-methano-2H-cyclobuta[cd]pentalen-2-one Decachloropentacyclo(5.3.0.0.0.0,2,6,4,10,5,9)decane-3-one Chlordecone (CAN) Kepone CAS: 143-50-0 SHA: 027701	
	Decachloropentacyclo(5.3.0.0.0.0,2,6,4,10,5,9)decane-3-one	275
	Decafentin	275B
	Decamethrin	463B
275A	1-Decanol CAS: 112-30-1 SHA: 079038	
	Decarbofuran	350A
	Decarboxy-fenvalerate	731-I
	Deccozil	497AB
275AA	(R,Z)-5-(1-Decenyl)dihydro-2(3H)-furanone CAS: 64726-91-6 SHA: 116501	
	Dechlorane	411
	Decis	463B

CASWELL#	CHEMICAL	X-REFERENCE
275E	Decyl acetate	
275C	2-(Decylthio)Ethanamine Deta	
275D	2-(Decylthio)Ethanamine Hydrochloride Delta-HCL CAS: 36362-09-1	
275B	Decyltriphenylphosphonium bromochlorotriphenylstannate Decafentin (ISO) CAS: 15652-38-7 SHA: 275300	
	Dedevap	328
	Ded-Weed	273
	Deet	346
	DEF	864
	De-Fol-Ate	530A
	Degreen	864
276	Dehydroabietylamine CAS: 1446-61-3 SHA: 004206	
276A	Dehydroabietylamine acetate CAS: 2026-24-6 SHA: 004201	
277	Dehydroabietylamine-ethylene oxide condensate CAS: 51344-62-8 SHA: 004203	

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CASWELL#	CHEMICAL	X-REFERENCE
277A	Dehydroabietylammonium pentachlorophenoxide CAS: 35109-57-0 SHA: 004202	
277B	Dehydroabietylammonium phenoxide CAS: 53404-25-4 SHA: 004212	
278	Dehydroacetic acid 2-Acetyl-5-hydroxy-3-oxo-4-hexenoic acid, δ-lactone (CA) DHA CAS: 520-45-6 SHA: 027801	
278A	Dehydroacetic acid, sodium salt Sodium dehydroacetate Harven CAS: 4418-26-2 SHA: 027802 CFR: 180.159	
278D	Dehydrocycloheximide CAS: 363-27-9	
278C	Dehydroepiandrosterone	
278AA	Delachlor (ANSI) 2-Chloro-N-(isobutoxymethyl)-2',6'-acetoxylide 2-Chloro-N-(2,6-dimethylphenyl)-N-isobutoxymethyl)acetamide CP 522223 CAS: 24353-58-0 SHA: 278200	
	Delicia	031
	Delnav	393
	Delphene	346

CASWELL #	CHEMICAL	X-REFERENCE
	Delsan	856
	Delta endotoxin	066E
	Delta-HCl	275D
	Deltamethrin	463B
	Demephion-S	369A
	Demephion-O	369
278E	Demethyltrichlorfon o-Methyl-(1-hydroxy-2,2,2-trichloroethyl)phosphonate	
279	Demeton (ANSI) O,O-Diethyl-O-[2-(ethylthio)ethyl]phosphorothioate O,O-Diethyl-S-[2-(ethylthio)ethyl]phosphorothioate Systox Mercaptophos (USSR) Systemax Bay 10756 Demox CAS: 8065-48-3 SHA: 057601 CFR: 180.105	
	Demeton-O-methyl	456
	Demeton-S-methyl	456
	Demeton-S-methylsulfone	455A
	Demosan	198
	Demox	279
	Denatonium benzoate	083BB

CASWELL#	CHEMICAL	X-REFERENCE
279B	Denatured ethanol	
	2,4-DEP	897
279C	Deriphat 160C	
	2,4-DES	318
279E	Deschloro phosphamidon	
279G	Desethyl benthiocarb	
279D	Desethyl phosphamidon	
	Des-I-Cate	421
279K	Desisopropyl Nemacur sulfoxide	
279J	Desmethyl bromethalin Compound 122664	
279F	Desmethyl chlorophenamidine	
	Desmetryne	509B
	Desmidipham	447AAA
	Dessin	128F
	Destun	539C
	Dethmor	903
	Detrone	402
279A	Deuteromycotine	
	Devine	663AB

CASWELL#	CHEMICAL	X-REFERENCE
	Devrinol	590A
	Dexon	359B
279I	Dextrin CAS: 9004-53-9 SHA: 084503	
279H	Dextrose	
	DFP	356C
	DHA	278
	DHS Activator	442
280	Diacetone alcohol CAS: 123-42-2 SHA: 033901	
	Diacetoxypropene	706
280A	Dialifor (ANSI) O,O-Diethyl-S-(2-chloro-1-phthalimidoethyl)phosphorodithioate Hercules 14503 (ISO) Torak Dialifos CAS: 10311-84-9 SHA: 102501 CFR: 180.326	
	Dialifos	280A
283D	Dialkyl*-adipate *(C7,C9)	
282CC	Dialkyl* dimethyl ammonium bentonite *(fatty acids of tallow) CAS: 68953-52-2	

CASWELL#	CHEMICAL	X-REFERENCE
282EE	Dialkyl*-dimethyl ammonium bromide *(67% C16, 30% C14, 3% C12-C18)	
282DD	Dialkyl*-dimethyl ammonium bromide *(50% C12, 30% C14, 17% C16, 3% C18)	
282G	Dialkyl*-dimethyl ammonium chloride *(85% C18, 15% C16) SHA: 069162	
282F	Dialkyl*-dimethyl ammonium chloride *(70% C18, 26% C16, 4% C14) CAS: 68002-59-5 SHA: 069120	
282FF	Dialkyl*-dimethyl ammonium chloride *(50% C12, 30% C14, 20% C16)	
282GG	Dialkyl*-dimethyl ammonium chloride *(50% C12, 20% C14, 15% C10, 10% C16, 5% C18)	
282E	Dialkyl*-dimethyl ammonium chloride *(56% C12, 18% C14, 7% C16, 7% C10, 5% C8) CAS: 50934-77-5 SHA: 069176	
282D	Dialkyl*-dimethyl ammonium chloride *(47% C12, 18% C14, 10% C18, 9% C10, 8% C16, 8% C8) CAS: 73398-64-8 SHA: 069136	
282C	Dialkyl*-dimethyl ammonium chloride *(from coconut oil fatty acids) CAS: 61789-77-3 SHA: 069138	
282A	Dialkyl*-dimethyl ammonium methyl sulfate *(derived from tallow fatty acids) CAS: 61789-81-9 SHA: 069150	
283B	Dialkyl*-methylated ammonium chloride *(C8-C18, from coconut, cottonseed, soya, or hogfat fatty acids) CAS: 61789-73-9	
282B	Dialkyl*-methyl benzyl ammonium chloride *(60% C14, 30% C16, 5% C12, 5% C18) CAS: 68391-05-9 SHA: 069119	

CASWELL#	CHEMICAL	X-REFERENCE
283	Dialkyl*[-oxypropyl]-dimethylammonium chloride *(60% C8, 40% C10) Q-Dox SHA: 069121	
283C	Dialkyl*-phthalate *(C7, C9, C11)	
	Diallate	299
283A	4-(Diallylamino)-3,5-xylyl methylcarbamate Allyxycarb (ISO,BSI) CAS: 6392-46-7 SHA: 283600	
284	N,N-Diallyl-2-chloroacetamide (CA) Randox Allidochlor (ISO) CDAA Limit (part, see casw 315) CAS: 93-71-0 SHA: 019301 CFR: 180.282	
284A	N,N-Diallyl-2,2-dichloroacetamide R 25788 CAS: 93-71-0	
	Diamidofos	654B
284B	2,4-Diamino-6-chloro-s-triazine	
	2,4-Diamino-6-(cyclopropylamino)-s-triazine	167B
285	1,6-Diamino-2,2-difluorohexane CAS: 22232-16-2 SHA: 029301	
284C	2,4-Diamino-6-methoxy-s-triazine	

CASWELL#	CHEMICAL	X-REFERENCE
285A	S-[(4,6-Diamino-s-triazin-2-yl)methyl]-0,0-dimethyl phosphorodithioate Menazon (ISO) Sayfos CAS: 78-57-9 SHA: 285300	
286	Diammonium ethylene bisdithiocarbamate Amobam CAS: 3566-10-7 SHA: 014502	
286B	Diammonium methanearsonate	
286C	Diammonium phosphate CAS: 7783-28-0	
286D	Diatomaceous earth CAS: 7631-86-9 SHA: 072605	
286A	20,25-Diazacholesterol dihydrochloride Ornitrol Azacosterol CAS: 1249-84-9 SHA: 098101	
	Diazinon	342
	Diazoben	359B
	Dibrom	586
	Dibromantin	287AAA
	1,2-Dibromo-2,2-dichloroethyl dimethylphosphate	586
	2,2-Dibromo-2-carbamoylacetonitrile	287AA

CASWELL#	CHEMICAL	X-REFERENCE
287	1,2-Dibromo-3-chloropropane (CA) Nemagon Fumazone DBCP Nemanex Oxy DBCP CAS: 96-12-8 SHA: 011301 CFR: 180.197	
286E	2,6-Dibromo-4-cyanophenyl tetrahydrofurfuryl carbonate Bromobonil CAS: 25671-46-9	
	1,2-Dibromo-2,4-dicyanobutane	114AA
287AAA	1,3-Dibromo-5,5-dimethylhydantoin Dibromantin Take Charge Orange CAS: 77-48-5	
	1,2-Dibromoethane	439
287A	3,5-Dibromo-4-hydroxybenzaldehyde, 2,4-dinitrophenyloxime Bromofenoxim (ISO) Bromfenim CAS: 13181-17-4	
	3,5-Dibromo-4-hydroxybenzonitrile	119
	3,5-Dibromo-4-hydroxybenzonitrile octanoate	119A
287AA	2,2-Dibromo-3-nitrilopropionamide XD 7287L 2,2-Dibromo-2-carbamoylacetonitrile XD 1603 DBNPA CAS: 10222-01-2 SHA: 101801	

CASWELL#	CHEMICAL	X-REFERENCE
2878B	2,3-Dibromopropionaldehyde CAS: 5221-17-0	
287B	2,3-Dibromopropionitrile (CA) CAS: 4554-16-9 SHA: 287400	
287C	3,5-Dibromosalicyanilide (CA) CAS: 87-12-7 SHA: 077402	
289	4',5-Dibromosalicylanilide (CA) CAS: 2577-72-2 SHA: 077405	
290	3,5-Dibromo-3'-(triflouromethyl)salicylanilide Fluorophene CAS: 4776-06-1 SHA: 027601	
	Dibutalin	125E
290B	Di-(N-butoxymethane)	
290A	Dibutylamine	
291	N,N-Dibutyl-p-chlorobenzenesulfonamide (CA) Warf DDT Anti-resistant Pramex CAS: 127-59-3 SHA: 017201	
291A	2,6-Di-tert-butyl-p-cresol (CA) Butylated hydroxytoluene BHT CAS: 128-37-0 SHA: 022105	

CASWELL#	CHEMICAL	X-REFERENCE
291AA	3,5-Di-tert-butyl-4-hydroxybenzylidine-malono-nitrile Malonoben (ANSI) CAS: 10537-47-0 SHA: 537200	
291B	3,5-Di-tert-butylphenyl methylcarbamate Butacarb (ISO,BSI) CAS: 2655-19-8 SHA: 291300	
292	Dibutyl phthalate CAS: 84-74-2 SHA: 028001	
293	Dibutyl succinate CAS: 141-03-7 SHA: 077802	
293A	Dibutyltin diacetate CAS: 1067-33-0	
CC 291C	Dibutyltin dilaurate	
294	2,6-Di-tert-butyl-p-tolyl methylcarbamate (CA) Azak Terbucarb (ISO) Terbutol CAS: 1918-11-2 SHA: 038801	
295	Dicamba (ANSI) 3,6-Dichloro-o-anisic acid 2-Methoxy-3,6-dichlorobenzoic acid Mediben Banvel D CAS: 1918-00-9 SHA: 029801 CFR: 180.227	

CASWELL#	CHEMICAL	X-REFERENCE
295A	Dicamba, diethanolamine salt CAS: 25059-78-3 SHA: 029803	
295B	Dicamba, dimethylamine salt CAS: 2300-66-5 SHA: 029802	
	Dicamba-methyl	408AA
295D	Dicamba, monoethanolamine salt CAS: 53404-28-7	
295C	Dicamba, potassium salt	
295E	Dicamba, sodium salt CAS: 1982-69-0	
295F	Dicamba, triethanolamine salt CAS: 53404-29-8	
296	Dicapthon (ANSI) O-(2-Chloro-4-nitrophenyl)-O,O-dimethyl phosphorothioate Phosnichlor (ISO) CAS: 2463-84-5 SHA: 034502	
	1,3-Di(carbamoylthio)-2-dimethylaminopropane	360C
	Dicarbasulf	900AA
	S-(1,2-Dicarbethoxyethyl)-O,O-dimethylphosphorodithioate	535
297	Dichlobenil (ANSI) 2,6-Dichlorobenzonitrile (CA) Casoron Du-Sprex NIA 5996 CAS: 1194-65-6 SHA: 027401 CFR: 180.231	

CASWELL#	CHEMICAL	X-REFERENCE
	Dichlofenthion	321
297A	Dichlorofluoromethylthio-dimethylamino sulphonic acid anilide	
	1,1-Dichloro-N-[(dimethylamino)sulfonyl]-1-fluoro-N-phenylmethanesulfenamide	
	N,N-Dimethyl-N'-phenyl-(N'-fluorodichloromethylthio)sulphamide	
	Dichlofluanid (ISO)	
	Euparen	
	CAS: 1085-98-9	
	SHA: 128844	
298	Dichlone (ANSI)	
	2,3-Dichloro-1,4-naphthoquinone (CA)	
	Phygon	
	CAS: 117-80-6	
	SHA: 029601	
	CFR: 180.118	
	Dichloral urea	103
	Dichloren	311
	Dichlordiphenprop	319A
	Dichlorflurenol	309BA
	Dichlorflurenol, methyl ester	557B
298A	Dichlormate (ANSI)	
	3,4 and 2,3-Dichlorobenzyl methylcarbamate	
	Rowmate	
	Sirmate	
	UC 22463	
	CAS: 1966-58-1	
	SHA: 298200	
298C	4-Dichloroacetyl-3,4-Dihyro-3-methyl-2H-1, 4-Benzox Azine	
	CGA - 154281	

CASWELL#	CHEMICAL	X-REFERENCE
298B	4-Dichloroacetyl-1-oxa-4-azaspiro[4.5]decane Mon 4660	
299	S-(2,3-Dichloroallyl) diisopropylthiocarbamate (CA) Diallate Avadex DATC CP 15336 CAS: 2303-16-4 SHA: 078801 CFR: 180.277	
300	p-(Dichloroamino)benzenesulfonic acid CAS: 24894-89-1 SHA: 077202	
300D	3,4-Dichloroaniline DCA CAS: 95-76-1	
[illegible]	3,6-Dichloro-o-anisic acid	295
300A	2,5-Dichloroatroponitrile SD 12191	
300C	4,4'-Dichloroazobenzene	
300B	3,3'-Dichloroazoxybenzene	
301D	2,6-Dichlorobenzamide	
301	o-Dichlorobenzene (CA) Orthodichlorobenzene CAS: 95-50-1 SHA: 059401	
	p-Dichlorobenzene	632

CASWELL#	CHEMICAL	X-REFERENCE
301C	2,6-Dichlorobenzoic acid	
	2,6-Dichlorobenzonitrile	297
301B	2,3-Dichlorobenzyl methylcarbamate CAS: 62046-37-1	
301A	3,4-Dichlorobenzyl methylcarbamate CAS: 1966-58-1 SHA: 298200	
	3,4 and 2,3-Dichlorobenzyl methylcarbamate	298A
	3,5-Dichloro-2-biphenylol	323E
	3,5-Dichloro-(1,1'-biphenyl)-2-ol	323E
	3,5-Dichloro-2-biphenylol, potassium salt	323F
	3,5-Dichloro-(1,1'-biphenyl)-2-ol, potassium salt	323F
	1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane	307
	1,1-Dichloro-2,2-bis(p-ethylphenyl)ethane	337
302	2,4-Dichloro-6-(o-chloroanilino)-s-triazine Anilazine (ISO) 4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine (CA*) Dyrene Kemate Triasyn CAS: 101-05-3 SHA: 080811 CFR: 180.158	
	4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine	302
302A	Dichlorocyanurate, sodium salt	

CASWELL#	CHEMICAL	X-REFERENCE
	3',4'-Dichlorocyclopropanecarboxanilide	272
302AB	2,7-Dichlorodibenzo-p-dioxin	
309	Dichlorodiethyl ether Bis(2-chloroethyl) ether CAS: 111-44-4 SHA: 029501	
304	Dichloro difluoromethane Propellant 12 Freon 12 CAS: 75-71-8	
	1-(3,5-Dichloro-2,4-difluorophenyl)-3-(2,6-difluoro-benzoyl)-urea	224C
304A	3,5-Dichloro-2,6-difluoro-4-pyridinol (CA*) Haloxydine (ISO,BSI) CAS: 2693-61-0 SHA: 304200	
304B	1,3-Dichloro-2,5-dimethoxybenzene CAS: 61887-07-8 SHA: 203300	
	1,4-Dichloro-2,5-dimethoxybenzene	198
304C	2,3-Dichloro-1,4-dimethoxybenzene CAS: 39542-66-0 SHA: 203400	
	1,1-Dichloro-N-[(dimethylamino)sulfonyl]-1-fluoro-N-phenylmethanesulfenamide	297A
306D	4,4'-Dichlorodimethyl-azobenzene	
306	1,3-Dichloro-5,5-dimethylhydantoin CAS: 118-52-5 SHA: 028501	

CASWELL#	CHEMICAL	X-REFERENCE
306BA	2,4-Dichloro-3,5-dimethylphenol Dichloroxylenol	
306A	3,5-Dichloro-N-(1,1-dimethyl-2-propynyl)benzamide N-(1,1-Dimethylpropynyl)-3,5-dichlorobenzamide Propyzamide (ISO) Kerb Pronamide RH 315 CAS: 23950-58-5 SHA: 101701 CFR: 180.317	
306AA	3,5-Dichloro-2,6-dimethyl-4-pyridinol Clopidol Coyden CAS: 2971-90-6 SHA: 306200	
306B 92	3,3'-Dichloro-5,5'-dinitro-o,o-biphenol Bay 9015 Distolon CAS: 63992-31-4 SHA: 306300	
306C	2,2-Dichloro-N-(1,3-dioxolan-2-ylmethyl)-N-2-propenylacetamide	
307	Dichlorodiphenyl dichloroethane DDD 1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane TDE CAS: 72-54-8 SHA: 029101 CFR: 180.187	

CASWELL#	CHEMICAL	X-REFERENCE
308	Dichlorodiphenyl trichloroethane DDT 1,1,1-Trichloro-2,2-bis(p-chlorophenyl)ethane Genitox Anofex Chlorophenoethane CAS: 50-29-3 SHA: 029201 CFR: 180.147	
	1,2-Dichloroethane	440
309C	1,3-Dichloro-5-ethyl-5-methylhydantoin SHA: 128826	
	N-Dichlorofluoromethylthio-dimethylamino-sulphonic acid anilide	297A
309AB	N-[(Dichlorofluoromethyl)thio]-N',N'-dimethyl-N-p-tolylsulfamide Tolylfluanid (ISO) Eurapen M Bay 5212 Bay 49854 CAS: 731-27-1 SHA: 309200	
309AA	N-[(Dichlorofluoromethyl)thio]phthalimide CAS: 719-96-0 SHA: 309300	
309AC	2,4-6-Dichloro-6-fluorophenyl 4-nitrophenyl ether Fluoronitrofen (ISO,BSI) CAS: 13738-63-1	
309D	3,6-Dichloro-5-hydroxy-o-anisic acid	
309A	3,5-Dichloro-4-hydroxybenzonitrile Chloroxynil (ISO) CAS: 1891-95-8 SHA: 309500	

CASWELL#	CHEMICAL	X-REFERENCE
309BA	2,7-Dichloro-9-hydroxyfluorene-9-carboxylic acid Dichlorflurenol (ISO) CAS: 69622-79-3	
309B	O-(2,5-Dichloro-4-iodophenyl)-O,O-dimethylphosphorothioate C 9491 Iodofenphos CAS: 18181-70-9 SHA: 309700	
	Dichloroisocyanuric acid	327
	3,4-Dichloro-5-isothiazole carboxylic acid	309E
309BB	3,4-Dichloroisothiazole-5-carboxylic acid, potassium salt CAS: 67403-00-3 SHA: 210400	
	3',4'-Dichloro-2-methylacrylanilide	329
310	4,4'-Dichloro-α-methylbenzylhydrol (CA) 1,1-Bis(p-chlorophenyl)ethanol Chlorfenethol (ISO,BSI) Dimite Di(p-chlorophenyl)methyl carbinol CAS: 80-06-8 SHA: 031101	
310A	O-[2,5-Dichloro-4-(methylthio)phenyl]phosphorothioic acid, O,O-diethyl ester Chlorthiophos (ANSI) Celathion S 2957 OMS 1342 ENT 27635 CAS: 21923-23-9 SHA: 111811 CFR: 180.398	

CASWELL#	CHEMICAL	X-REFERENCE
310B	O-[2,4-Dichloro-5-(methylthio)phenyl]phosphorothioic acid, O,O-diethyl ester CAS: 77503-28-7 SHA: 111812	
310C	O-[4,5-Dichloro-2-(methylthio)phenyl]phosphorothioic acid, O,O-diethyl ester	
	2,3-Dichloro-1,4-naphthoquinone	298
311	2,6-Dichloro-4-nitroaniline (CA) Dicloran (BSI) Botran DCNA Dichloran Ditranil Resinan CAS: 99-30-9 SHA: 031301 CFR: 180.200	
312	2,5-Dichloro-4-nitrobenzoic acid (CA) Dinoben CAS: 88-86-8 SHA: 028101	
313	1,1-Dichloro-1-nitroethane (CA) Ethide CAS: 594-72-9 SHA: 029701	
314	2,5'-Dichloro-4'-nitrosalicylanilide, 2-aminoethanol salt 5-Chloro-N-(2-chloro-4-nitrophenyl)-2-hydroxybenzamide, 2-aminoethanol salt (CA*) Niclosamide (ISO) Bayluscide Clonitralid Yomesan Bay 73 CAS: 1420-04-8 SHA: 077401	

CASWELL#	CHEMICAL	X-REFERENCE
313A	2,3-Dichloro-6-nitro-4-trifluoromethylalanine	
314B	4,5-Dichloro-2N-octyl-3(2H)-isothiazolone CAS: 64359-81-5 SHA: 128101	
	Dichlorophene	563
314A	3,7-Dichlorophenlodoxin-5-ium bisulfate Oxicidin CAS: 5853-52-1 SHA: 110501	
314C	2,4-Dichlorophenol CAS: 120-83-2	
315	2,4-Dichlorophenoxyacetic acid 2,4-D Limit (part, see casw 284) CAS: 94-75-7 SHA: 030001 CFR: 180.142	
315E	2,4-Dichlorophenoxyacetic acid, alkanolamine salt (of the ethanol and isopropanol series) Lontrel 205 (part, see casw 323H)	
315F	2,4-Dichlorophenoxyacetic acid, alkyl*amine salt *(C12) Dodecylamine salt CAS: 2212-54-6	
315G	2,4-Dichlorophenoxyacetic acid, alkyl*amine salt *(C13) CAS: 53404-06-1	
315H	2,4-Dichlorophenoxyacetic acid, alkyl*amine salt *(C14) CAS: 28685-18-9 SHA: 030013	
315I	2,4-Dichlorophenoxyacetic acid, alkylamine salt (from tall oil) SHA: 030014	

CASWELL#	CHEMICAL	X-REFERENCE
315A	2,4-Dichlorophenoxyacetic acid, ammonium salt CAS: 2307-55-3 SHA: 030005	
315J	2,4-Dichlorophenoxyacetic acid, amylamine salt CAS: 53404-33-4 SHA: 030015	
315AG	2,4-Dichlorophenoxyacetic acid, amyl ester CAS: 1917-92-6 SHA: 030051	
315BD	2,4-Dichlorophenoxyacetic acid, butoxy-ethanol ester CAS: 1929-73-3	
315AH	2,4-Dichlorophenoxyacetic acid, butoxyethoxypropyl ester CAS: 1928-57-0 SHA: 030052	
315AI	2,4-Dichlorophenoxyacetic acid, 2-Butoxyethyl ester 2,4-Dichlorophenoxyacetic acid, ethylene glycol butyl ether ester CAS: 1929-73-3 SHA: 030053	
315AJ	2,4-Dichlorophenoxyacetic acid, butoxypoly-ethoxypropyl ester CAS: 53404-01-6 SHA: 030054	
315AK	2,4-Dichlorophenoxyacetic acid, butoxypropyl ester 2,4-Dichlorophenoxyacetic acid, propylene glycol butyl ether ester CAS: 1928-45-6 SHA: 030055	
315AL	2,4-Dichlorophenoxyacetic acid, butyl ester CAS: 94-80-4 SHA: 030056	
315K	2,4-Dichlorophenoxyacetic acid, diethanolamine salt CAS: 5742-19-8 SHA: 030016	

CASWELL#	CHEMICAL	X-REFERENCE
315M	2,4-Dichlorophenoxyacetic acid, diethylamine salt DEA CAS: 20940-37-8 SHA: 030017	
315L	2,4-Dichlorophenoxyacetic acid, N,N-Diethyl-ethanolamine salt CAS: 53404-34-5 SHA: 030038	
315N	2,4-Dichlorophenoxyacetic acid, diisopropylamine salt CAS: 53404-35-6 SHA: 030018	
315-O	2,4-Dichlorophenoxyacetic acid, dimethylamine salt DMA CAS: 2008-39-1 SHA: 030019	
315P	2,4-Dichlorophenoxyacetic acid, N,N-Dimethyl-oleylamine salt CAS: 53535-36-7 SHA: 030020	
315AM	2,4-Dichlorophenoxyacetic acid, dipropylene glycolisobutyl ether ester CAS: 53535-29-8 SHA: 030057	
315Q	2,4-Dichlorophenoxyacetic acid, ethanolamine salt CAS: 3599-58-4 SHA: 030021	
315AN	2,4-Dichlorophenoxyacetic acid, ethoxyethoxyethyl ester CAS: 53404-36-7 SHA: 030058	
315AO	2,4-Dichlorophenoxyacetic acid, ethoxyethoxypropylester CAS: 53467-05-3 SHA: 030059	

CASWELL#	CHEMICAL	X-REFERENCE
315R	2,4-Dichlorophenoxyacetic acid, ethylamine salt CAS: 25178-20-5 SHA: 030022	
	2,4-Dichlorophenoxyacetic acid, ethylene glycol butyl ether ester	315AI
315AP	2,4-Dichlorophenoxyacetic acid, ethyl ester CAS: 533-23-3 SHA: 030060	
315S	2,4-Dichlorophenoxyacetic acid, heptylamine salt CAS: 37102-63-9 SHA: 030023	
315AR	2,4-Dichlorophenoxyacetic acid, isobutyl ester CAS: 1713-15-1 SHA: 030062	
315AS	2,4-Dichlorophenoxyacetic acid, isooctyl(2-ethylhexyl) ester CAS: 1928-43-4 SHA: 030063	
315AT 99	2,4-Dichlorophenoxyacetic acid, isooctyl(2-ethyl-4-methylpentyl) ester CAS: 53404-37-8 SHA: 030064	
315AU	2,4-Dichlorophenoxyacetic acid, isooctyl (2-octyl) ester CAS: 1917-97-1 SHA: 030065	
315T	2,4-Dichlorophenoxyacetic acid, isopropanolamine salt CAS: 6365-72-6 SHA: 030024	
315U	2,4-Dichlorophenoxyacetic acid, isopropylamine salt CAS: 5742-17-6 SHA: 030025	

CASWELL#	CHEMICAL	X-REFERENCE
315AV	2,4-Dichlorophenoxyacetic acid, isopropyl ester CAS: 94-11-1	
315V	2,4-Dichlorophenoxyacetic acid, linoleylamine salt CAS: 53404-38-9 SHA: 030026	
315B	2,4-Dichlorophenoxyacetic acid, lithium salt CAS: 3766-27-6 SHA: 030002	
315W	2,4-Dichlorophenoxyacetic acid, methylamine salt CAS: 51173-63-8 SHA: 030027	
315AW	2,4-Dichlorophenoxyacetic acid, methyl ester CAS: 1928-38-7 SHA: 030067	
315X	2,4-Dichlorophenoxyacetic acid, morpholine salt CAS: 6365-73-7 SHA: 030028	
315Y	2,4-Dichlorophenoxyacetic acid, N-oleyl-1,3-propylenediamine salt CAS: 2212-59-1 SHA: 030029	
315Z	2,4-Dichlorophenoxyacetic acid, octylamine salt CAS: 2212-53-5 SHA: 030030	
315AA	2,4-Dichlorophenoxyacetic acid, oleylamine salt CAS: 2388-40-1 SHA: 030031	
315AX	2,4-Dichlorophenoxyacetic acid, polyethyleneglycol ester CAS: 53404-02-7 SHA: 030068	

CASWELL#	CHEMICAL	X-REFERENCE
315AY	2,4-Dichlorophenoxyacetic acid, polypropoxybutyl ester CAS: 53467-11-1 SHA: 030069	
315AZ	2,4-Dichlorophenoxyacetic acid, polypropyleneglycol ester CAS: 53467-12-2 SHA: 030070	
315C	2,4-Dichlorophenoxyacetic acid, potassium salt CAS: 14214-89-2 SHA: 030003	
315AB	2,4-Dichlorophenoxyacetic acid, propylamine salt CAS: 54325-99-4 SHA: 030032	
	2,4-Dichlorophenoxyacetic acid, propylene glycol butyl ether ester	315AK
315BB	2,4-Dichlorophenoxyacetic acid, propyleneglycol ester CAS: 53466-77-6 SHA: 030071	
315BC	2,4-Dichlorophenoxyacetic acid, propyleneglycol isobutyl ether ester CAS: 53466-78-7 SHA: 030073	
315D	2,4-Dichlorophenoxyacetic acid, sodium salt CAS: 2702-72-9 SHA: 030004	
315BG	2,4-Dichlorophenoxyacetic acid, tetrahydrofurfuryl ester CAS: 15146-99-3 SHA: 030074	
315AC	2,4-Dichlorophenoxyacetic acid, triethanolamine salt CAS: 2569-01-9 SHA: 030033	

CASWELL#	CHEMICAL	X-REFERENCE
315AD	2,4-Dichlorophenoxyacetic acid, triethylamine salt CAS: 2646-78-8 SHA: 030034	
315AE	2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt CAS: 32341-80-3 SHA: 030035	
315AF	2,4-Dichlorophenoxyacetic acid, trimethylamine salt CAS: 5416-73-5 SHA: 030036	
315BE	2,4-Dichlorophenoxyacetic acid, tripropylene glycolisobutyl ether ester CAS: 53535-28-7 SHA: 030075	
316	4-(2,4-Dichlorophenoxy)butyric acid 2,4-DB Butoxon Butyrac CAS: 94-82-6 SHA: 030001 CFR: 180.331	
316A	4-(2,4-Dichlorophenoxy)butyric acid, butoxyethanol ester CAS: 32357-46-3 SHA: 030853	
316B	4-(2,4-Dichlorophenoxy)butyric acid, butyl ester CAS: 6753-24-8 SHA: 030856	
316C	4-(2,4-Dichlorophenoxy)butyric acid, dimethylamine salt CAS: 2758-42-1 SHA: 030819	
316D	4-(2,4-Dichlorophenoxy)butyric acid, isooctyl ester CAS: 320-15-6 SHA: 030863	

CASWELL#	CHEMICAL	X-REFERENCE
316E	4-(2,4-Dichlorophenoxy)butyric acid sodium salt CAS: 10433-59-7 SHA: 030804	
317	2-(2,4-Dichlorophenoxy)ethyl benzoate 2,4-DEB CAS: 94-83-7 SHA: 030603	
318	2-(2,4-Dichlorophenoxy)ethyl hydrogen sulfate Disul (CAN) 2,4-DES CAS: 149-26-8	
319	2-(2,4-Dichlorophenoxy)ethyl sulfate, sodium salt Sodium 2,4-dichlorophenoxyethyl sulfate Crag Herbicide 1 Sesone SES CAS: 136-78-7 SHA: 030602 CFR: 180.102	
	2-[4-(2,4-Dichlorophenoxy)phenoxy]propanoic acid	3288
319A	2-[4-(2,4-Dichlorophenoxy)phenoxy]propanoic acid, methyl ester Diclofop-methyl (ANSI) Dichlordiphenprop HOE 23408 Hoe-Grass Hoelon CAS: 51338-27-3 SHA: 110902	
	2-[p-(2,4-Dichlorophenoxy)phenoxy]propionic acid	3288

CASWELL#	CHEMICAL	X-REFERENCE
320	2-(2,4-Dichlorophenoxy)propionic acid 2,4-DP Dichlorprop (ISO,BSI) Dichloroprop CAS: 120-36-5 SHA: 031401	
320A	2-(2,4-Dichlorophenoxy)propionic acid, 2-butoxyethanol ester CAS: 53404-31-2 SHA: 031453	
320E	2,4-(Dichlorophenoxy)propionic acid, butoxyethyl ester 2,4-DP, butoxyethyl ester	
320B	2-(2,4-Dichlorophenoxy)propionic acid, dimethylamine salt CAS: 53404-32-3 SHA: 031419	
320C	2-(2,4-Dichlorophenoxy)propionic acid, isooctyl ester CAS: 28631-35-8 SHA: 031463	
320D	2-(2,4-Dichlorophenoxy)propionic acid, triethanolamine salt CAS: 53404-48-1	
321	O-(2,4-Dichlorophenyl-O,O-diethyl phosphorothioate (CA) Dichlofenthion (ANSI) VC 13 Nemacide CAS: 97-17-6 SHA: 028601	
	N-(3,4-Dichlorophenyl)-N-(dimethylcarbamoyl)benzamide	081DE
	3-(3,5-Dichlorophenyl)-5,5-dimethyl-2,4-oxazolidinedione	328A

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CASWELL#	CHEMICAL	X-REFERENCE
307A	(E)-(R)-1-(2,4-Dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pent-1-en-3-ol Spotless Dinaconazole XE-779L S-3308L CAS: 83657-18-5	
307B	(E)-(RS)-1-(2,4-Dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)-pent-1-en-3-ol Diniconazole (ANSI)	
307C	(E)-(S)-1-(2,4-Dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)-pent-1-en-3-ol	
307E	(Z)-(S)-1-(2,4-Dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)-pent-1-en-3-ol	
307D	(Z)-(R)-1-(2,4-Dichlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)-pent-1-en-3-ol	
	3-(3,4-Dichlorophenyl)-1,1-dimethylurea	410
321A	1-[(2-(2,4-Dichlorophenyl)-1,3-dioxolan-2-yl)methyl]-1H-1,2,4-triazole Azaconazole (ANSI) CAS: 60207-31-0	
323C	3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione Vinclozolin (ISO PROP) Ronilan BAS 352F BAS 35204F Ornalin fumigator CAS: 50471-44-8 SHA: 113201 CFR: 180.380	
321AB	1-[[2-2,4-Dichlorophenyl-4-ethyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole CGA 64,251 CAS: 60207-93-4 SHA: 120501	
	O-2,4-Dichlorophenyl-o-ethyl-phosphorodithioate	714H

CASWELL#	CHEMICAL	X-REFERENCE
323E	4,6-Dichloro-2-phenylphenol 3,5-Dichloro-(1,1'-biphenyl)-2-ol 3,5-Dichloro-2-biphenylol CAS: 5335-24-0 SHA: 064216	
323F	4,6-Dichloro-2-phenylphenol, potassium salt 3,5-Dichloro-(1,1'-biphenyl)-2-ol, potassium salt 3,5-Dichloro-2-biphenylol, potassium salt CAS: 53404-30-1 SHA: 064215	
	α-(2,4-Dichlorophenyl)-α-phenyl-5-pyrimidinemethanol	861A
	1-[2-((2,4-Dichlorophenyl)-2-propenyloxy)-ethyl]-1H-imidazole	497AB
323EE	1-[[2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (9CI) CGA 64,520 Tilt CAS: 60207-90-1 SHA: 122101	
323G	2,6-Dichloro-4-phenyl-3,5-pyridine dicarbonitrile Pyridinitril (ISO,BSI) CAS: 1086-02-8 SHA: 323800	
323J	1-(2,4-Dichlorophenyl)-2-(3-pyridinyl)-ethanone-O-methyloxime Pyrifenox (ANSI) 1-(2,4-Dichlorophenyl)-2-(3-pyridinyl)-O-methoxime CAS: 88283-41-4	
	1-(2,4-Dichlorophenyl)-2-(3-pyridinyl)-O-methoxime	323J
323K	1[2,4-Dichlorophenyl)-3-(1,1,2,2-Tetrafluoroethoxy)propyl-1H-1,2,4-Triazole M 14360	
	S-[[(2,5-Dichlorophenyl)thio]methyl]-O,O-diethylphosphorodithioate	335B

CASWELL#	CHEMICAL	X-REFERENCE
322B	1,(3,4-Dichlorophenyl)-1-hydroxy-3-methylurea	
322A	1-(3,4-Dichlorophenyl)-1-(p-methoxybenzoyl)-3,3-dimethylurea Anisuron (BSI) CAS: 2689-43-2 SHA: 322200	
	3-(3,4-Dichlorophenyl)-1-methoxy-1-methylurea	528
322C	N-(3,5-Dichlorophenyl)-5-methyl-5-carbetoxy-1,3-oxazolydin-2,4-dione Serinal	
	Di(p-chlorophenyl)methyl carbinol	310
	3-(3,5-Dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide	470A
323	O-(2,4-Dichlorophenyl)-O-methylisopropylphosphoramidothioate (CA) DMPA Zytron CAS: 299-85-4 SHA: 028401	
323A	O-(2,4-Dichlorophenyl)-O-methylmethylphosphonothioate Bay 30911	
323B	O-(3,4-Dichlorophenyl)-O-methyl methylphosphonothioate Bay 80833	
	2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione	549AA
323I	1-[3,4-Dichlorophenyl]-3-methylurea	
323D	2,4-Dichlorophenyl-p-nitrophenyl ether (CA) TOK Nitrofen (ISO,BSI) Niclofen Nip CAS: 836-75-5 SHA: 38201 CFR: 80.223	

CASWELL#	CHEMICAL	X-REFERENCE
	2,2-Dichloropropionic acid, sodium salt	273A
323H	3,6-Dichloro-2-pyridinecarboxylic acid, alkanolamine salts (of the ethanol and isopropanol series) Clopyralid (ANSI) 3,6-Dichloropicolinic acid Lontrel 205 (part, see casw 315E) Dowco 290 CAS: 1702-17-6 SHA: 117401	
325A	3,7-Dichloro-8-Quindine Carboxylic Acid BAS 514 16H Quinchlorac Facet CAS: 84087-01-4	
	3,5-Dichlorosalicyl-3,4-dichloroanilide	833
326	p-(N,N-Dichlorosulfamoyl)benzoic acid Halazone CAS: 80-13-7 SHA: 077201	
326A	1,2-Dichloro-1,1,2,2-tetrafluoroethane Propellant 114 Cryofluorane CAS: 76-14-2 SHA: 326200	
326B	2,5-Dichlorothiobenzamide Chlorthiamid (ISO) Prefix CAS: 1918-13-4 SHA: 326300	
	Dichloro-s-triazine-2,4,6(1H,3H,5H)-trione	327

CASWELL#	CHEMICAL	X-REFERENCE
	(RS)-2-(2,4-Dichlorophenyl)-1-(1H-1,2,4-triazol-1-yl)hexan-2-ol	480G
	1-(3,4-Dichloro-phenyl)urea	273G
	3,6-Dichloropicolinic acid	323H
	Dichloroprop	320
324	1,2-Dichloropropane 1,3-Dichloropropene and related C3 compounds D-D Mixture Nemex Vidden D Telone CAS: 78-87-5 SHA: 029002	
324A	1,3-Dichloropropene Telone C CAS: 542-75-6 SHA: 029001	
	1,3-Dichloropropene and related C3 compounds	324
325	3',4'-Dichloropropionanilide (CA) Stam Propanil (ISO) Rogue Surcopur CAS: 709-98-8 SHA: 028201 CFR: 180.274	
	2,2-Dichloropropionic acid	273
	2,2-Dichloropropionic acid, diethylene glycol ester	273BB
	2,2-Dichloropropionic acid, magnesium salt	273BC

CASWELL#	CHEMICAL	X-REFERENCE
327	Dichloro-s-triazinetrione	
	Dichloro-s-triazine-2,4,6(1H,3H,5H)-trione (CA)	
	Dichloroisocyanuric acid	
	CAS: 2782-57-2	
	SHA: 081401	
	4,4'-Dichloro-α-(trichloromethyl)benzhydrol	093
327A	4,5-Dichloro-2-(trifluoromethyl)benzimadazole	
	Chlorflurazole (ISO)	
	CAS: 3615-21-2	
	SHA: 327200	
328	2,2-Dichlorovinyl dimethyl phosphate (CA)	
	Dimethyl 2,2-dichlorovinyl phosphate	
	Dichlorvos (ISO)	
	Herkol	
	Dedevap	
	Oko	
	DDVP	
	Vapona	
	CAS: 62-73-7	
	SHA: 084001	
	CFR: 180.235	
	Dichloroxylenol	3068A
	Dichlorprop	320
	Dichlorvos	328
328A	Dichlozoline (ANSI)	
	3-(3,5-Dichlorophenyl)-5,5-dimethyl-2,4-oxazolidinedione	
	Sclex	
	CAS: 24201-58-9	
	SHA: 328200	

CASWELL#	CHEMICAL	X-REFERENCE
328B	Diclofop (ANSI) 2-[4-(2,4-Dichlorophenoxy)phenoxy]propanoic acid 2-[p-(2,4-Dichlorophenoxy)phenoxy]propionic acid CAS: 40843-25-2 SHA: 110901	
	Diclofop-methyl	319A
	Dicloran	311
	Dicofol	093
	Dicrotophos	376
329	Dicryl (ANSI) 3',4'-Dichloro-2-methylacrylanilide (CA) Chloranocryl (ISO) CAS: 2164-09-2 SHA: 032601	
329B	Dicyandiamid 1-Cyanoguanidine DCD Didin SKW 8510 NS CAS: 461-58-5	
329A	2,6-Dicyano-3,4,5-trichloropyridine 3,4,5-Trichloro-2,6-pyridinedicarbonitrile DS 4018 CAS: 17824-85-0 SHA: 329200	
330	Dicyclohexylamine 4,6-dinitro-o-cyclohexylphenate DN-111 CAS: 317-83-9	
331	Dicyclohexylamine oleate CAS: 22256-71-9 SHA: 031701	

CASWELL#	CHEMICAL	X-REFERENCE
331D	Dicyclohexylbutyltin	
331E	Dicyclohexyltin oxide	
331F	Dicyclopentadiene linseed oil copolymer CAS: 68213-53-6	
331A	Didecyl dimethyl ammonium chloride Odex Q (part, see casw 627D) CAS: 7173-51-5 SHA: 069149	
331B	Didecyl methyl benzyl ammonium chloride CAS: 32426-10-1 SHA: 069170	
331C	Di-N-decylmethyl(3-trimethoxysilylpropyl)ammonium chloride CAS: 68959-20-6 SHA: 169160	
332	Di(dehydroabietyl)amine acetate CAS: 53404-27-6 SHA: 004204	
	Didin	329B
333	Dieldrin Hexachloroepoxyoctahydro-endo,-exo-dimethanonaphthalene (85% and related compounds 15%) Octalox Panoram D-31 SD 3417 CAS: 60-57-1 SHA: 045001 CFR: 180.137	
	Dienochlor	274

CASWELL#	CHEMICAL	X-REFERENCE
333F	(1Z,5E)-1,10(14)-Diepoxy-4(15),5-germacradiene-9-one Periplanone B CAS: 61228-92-0 SHA: 124801	
333AB	Diesel fuel oil #2 CAS: 68476-31-3 SHA: 063514	
	Diethamine	335C
333A	Diethanolamides of coconut fatty acids CAS: 68440-04-0 SHA: 224600	
333B	Diethanolamine myristate-iodine complex CAS: 53404-40-3 SHA: 046910	
	Diethatyl-ethyl	179D
	α-[[(Diethoxyphosphinothioyl)oxy]imino]benzeneacetonitrile	902L
	Diethoxyphosphinylimido-1,3-dithiethane	2688B
333C	2-[2-[2-(Diethylamino)ethoxy]ethoxy]bornane Arbanol Dee CAS: 34256-92-3 SHA: 100001	
333D	S-[2-(Diethylamino)ethyl]-O,O-diethylphosphorothioate Amiton (BSI) CAS: 78-53-5 SHA: 057302	
333E	S-[2-(Diethylamino)ethyl]-O,O-diethylphosphorothioate hydrogen oxalate Tetram Amiton hydrogen oxalate CAS: 3734-97-2 SHA: 057301	

CASWELL#	CHEMICAL	X-REFERENCE
334	2-(Diethylamino)-4-(isopropylamino)-6-methoxy-s-triazine Ipatone CAS: 3004-70-4 SHA: 080812	
334A	O-[2-(Diethylamino)-6-methyl-4-pyrimidinyl]-O,O-diethylphosphorothioate Pirimiphos-ethyl (ANSI) O,O-Diethyl-O-[2-(diethylamino)-6-methyl-4-pyrimidinyl] phosphorothioate Primicid CAS: 23505-41-1 SHA: 108101 CFR: 180.308	
334B	O-[2-(Diethylamino)-6-methyl-4-pyrimidinyl]-O,O-dimethylphosphorothioate Pirimiphos-methyl (ANSI) O,O-Dimethyl-O-[2-(diethylamino)-6-methyl-4-pyrimidinyl] phosphorothioate PP 511 R 33986 Actellic CAS: 29232-93-7 SHA: 108102	
334D	N,N-Diethyl-3-chloro-2,6-dinitro-4-trifluoromethylaniline UBS 2789	
	O,O-Diethyl-O-(3-chloro-4-methyl-7-coumarinyl) phosphorothioate	335
335	O,O-Diethyl-O-(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl) phosphorothioate O-(3-Chloro-4-methyl-7-coumarinyl)-O,O-diethylphosphorothioate O,O-Diethyl-O-(3-chloro-4-methyl-7-coumarinyl) phosphorothioate Bay 21/199 Coumaphos (ISO) CO-RAL Asuntol Muscatox CAS: 56-72-4 SHA: 036501 CFR: 180.189	

CASWELL#	CHEMICAL	X-REFERENCE
335A	O,O-Diethyl-O-(3-chloro-4-nitrophenyl)phosphorothioate Ethyl dicapthon O-(3-Chloro-4-nitrophenyl)-O,O-diethyl phosphorothioate CAS: 6012-87-9	
335D	N,N-Diethyl-5-chloro-2-nitro-4-trifluoro-methylaniline	
333G	N,N-Diethyl-α-chloroacetamide CAS: 2315-36-8	
	O,O-Diethyl-S-[(6-chloro-2-oxobenzoxazolin-3-yl)methyl] phosphorodithioate	660A
	O,O-Diethyl-S-(2-chloro-1-phthalimidoethyl)phosphorodithioate	280A
335E	N,N-Diethyl-2,3-dichloro-6-nitro-4-trifluoro-methylaniline	
335B	O,O-Diethyl-S-[[(2,5-dichlorophenyl)thio]methyl]phosphorodithioate Phenkapton (ISO) S-[[(2,5-Dichlorophenyl)thio]methyl]-O,O-diethylphosphorodithioate CAS: 2275-14-1 SHA: 335300	
	O,O-Diethyl-O-[2-(diethylamino)-6-methyl-4-pyrimidinyl] phosphorothioate	334A
	O,O-Diethyl-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)phosphonothioate	408BB
335C	N3,N3-Diethyl-2,4-dinitro-6-trifluoromethyl)-1,3-benzenediamine Dinitramine (ANSI) N,N -Diethyl-α,α,α-trifluoro-3,5-dinitrotoluene-2,4-diamine (ISO) Cobex Diethamine USB 3584 CAS: 29091-05-2 SHA: 102301 CFR: 180.327	

CASWELL#	CHEMICAL	X-REFERENCE
337	Diethyl diphenyl dichloroethane and related compounds 1,1-Bis(ethylphenyl)-2,2-dichloroethane 1,1-Dichloro-2,2-bis(p-ethylphenyl)ethane (CA) Perthane CAS: 72-56-0 SHA: 032101 CFR: 180.139	
	Diethyl-1,3-dithiethane-2-ylidene-phosphoramidate	268BB
338	Diethyl dithiobis(thionoformate) Diethylxanthic disulfide Bis(ethylxanthic) disulfide Herbisan EXD Ethyl xanthogen disulfide CAS: 502-55-6 SHA: 086501	
	N,N-Diethyldodecylamine	416
338A	Diethylene glycol 2,2'-Oxydiethanol (CA*) CAS: 111-46-6 SHA: 338200	
	Diethylene glycol, monobutyl ether	121B
338B	Diethylene glycol, monomethyl ether 2-(2-methoxyethoxy)ethanol CAS: 111-77-3 SHA: 042204	

CASWELL#	CHEMICAL	X-REFERENCE
340	0,0-Diethyl-S-[[(ethoxycarbonyl)methylcarbamoyl]methyl]phosphorodithioate Mecarbam (ISO) S-[[(Ethoxycarbonyl)methylcarbamoyl]methyl]-0,0-diethyl phosphorodithioate Murotox Murfotox Pestan CAS: 2595-54-2 SHA: 340100	
340B	0,0-Diethyl-O-[6-ethoxy-2-(1-methylethyl)-4-pyrimidinyl] phosphorothioate San 326 I	
340A	0,0-Diethyl-S-[2-(ethylsulfinyl)ethyl]phosphorodithioate Oxydisulfoton (ISO) CAS: 2497-07-6 SHA: 340200	
	0,0-Diethyl-S-ethylsulfinylmethyl phosphorodithioate	849C
340C	0,0-Diethyl-S-[2-Ethylsulfonyl)ethyl]Phosphorodithioate	
340D	0,0-Diethyl-S-[2-(Ethylsulfonyl)Ethyl]Phosphorothioate	
	0,0-Diethyl-S-ethylsulfonylmethyl phosphorodithioate	849B
341	0,0-Diethyl-S-[2-(ethylthio)ethyl]phosphorodithioate (CA) Disulfoton (ISO) Di-Syston Dithiodemeton Dithiosystox Thiodemeton CAS: 298-04-4 SHA: 032501 CFR: 180.183	
	0,0-Diethyl-O-[2-(ethylthio)ethyl]phosphorothioate	279
	0,0-Diethyl-S-[2-(ethylthio)ethyl]phosphorothioate	279

CASWELL#	CHEMICAL	X-REFERENCE
	0,0-Diethyl-S-[(ethylthiomethyl)phosphorodithioate]	660
	Di(2-ethylhexyl)adipate	392J
	0,0-Diethyl-(1-hydroxy-2,2,2-trichloroethyl)phosphonate	4561
342	0,0-Diethyl-0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate (CA) Diazinon (ANSI) Alfa-tox Sarolex Basudin Spectracide AG-500 CAS: 333-41-5 SHA: 057801 CFR: 180.153	
	0,0-Diethyl-S-[3-(mercaptomethyl)-1,2,3-benzotriazin-4(3H)-one]phosphorodithioate	344
346	N,N-Diethyl-meta-toluamide, and other isomers Deet Delphene CAS: 134-62-3 SHA: 080301	
342A	2',6'-Diethyl-N-[methoxymethyl]oxanilic acid, sodium salt CP 108064	
	0,0-Diethyl-0-(5-methyl-6-ethoxy-carbonyl-pyrazolo-(1.5-a)-pyrimid-2-yl)-thionophosphate	7140
343A	0,0-Diethyl-0-(2-methyl-4-quinolinyl)phosphorothioate Quinothion (BSI) CAS: 22439-40-3 SHA: 343200	

CASWELL#	CHEMICAL	X-REFERENCE
343	0,0-Diethyl-O-[p-(methylsulfinyl)phenyl]phosphorothioate (CA) 0,0-Diethyl-O-[4-(methylsulfinyl)phenyl]phosphorothioate (CA*) Fensulfothion (ISO,BSI) Bay 25141 Terracur P Dasanit CAS: 115-90-2 SHA: 032701 CFR: 180.234	
	0,0-Diethyl-O-[4-(methylsulfinyl)phenyl]phosphorothioate	343
	N,N-Diethyl-2-(1-naphthalenyloxy)propanamide	590A
	0,0-Diethyl-O-p-nitrophenyl phosphorothioate	637
343B	Diethylnitrosamine	
344	0,0-Diethyl-S-[(4-oxo-1,2,3-benzotriazin-3(4H)-yl)methyl] phosphorodithioate Azinphos ethyl (ISO) 0,0-Diethyl-S-[3-(mercaptomethyl)-1,2,3-benzotriazin-4(3H)-one]phosphorodithioate Ethyl guthion CAS: 2642-71-9 SHA: 058002	
344A	Diethyl-4,4'-o-phenylenebis[3-thioallophanate] Thiophanate (ISO,BSI) 1,2-Bis[3-(ethoxycarbonyl)-2-thioureido]benzene Topsin Cleary's 3336 Cercobin CAS: 23564-06-9 SHA: 103401	
344G	0,0-Diethyl-O-(1-phenyl-1H-1,2,4-triazol-3-yl)-phosphorothioate Triazophos (ISO,BSI)	

CASWELL#	CHEMICAL	X-REFERENCE
344E	N-[(2,6-Diethyl)phenyl]-N-methoxymethyl-2-amino-2-oxoethane-sulfinyl-2-hydroxypropanoic acid CP 1 8267	
344C	N-[(2,6-Diethyl)phenyl]-N-methoxymethyl-2-hydroxyacetamide CP 5 214	
344F	3,5-Diethylphenyl methylcarbamate Fenethacarb (ISO,BSI) CAS: 30087-47-9	
344D	N-[(2,6-Diethyl)phenyl]-N-methyoxymethyl-2-oxoethane sulfonic acid, sodium salt CP 1 865	
	0,0-Diethyl-O-phenylphosphorothioate	721AB
	0,0-Diethyl-phosphorodithioate	350
344H	0,0-Diethyl-phosphorodithioate-S-ester with 4-(mercaptomethyl)-2-methoxy-δ-2-1,3,4-thiadiazolin-5-one Athidathion (ISO,BSI) CAS: 19691-80-6	
344B	0,0-Diethyl-phosphorodithioate S-ester with N-2-isopropyl-2-mercaptoacetamide Prothoate (ISO) CAS: 2275-18-5 SHA; 344300	
344J	Diethylphthalate	
	0,0-Diethyl-phthalimidophosphonothioate	408BB
345	0,0-Diethyl-O-pyrazinyl phosphorothioate Zinophos Thionazin (BSI) Nemafos Cynem CAS: 297-97-2 SHA: 032401 CFR: 180.264	

CASWELL#	CHEMICAL	X-REFERENCE
	O,O-Diethyl-O-2-quinoxalinyl phosphorothioate	662A
345B	Diethyl sulfide	
345A	O,O-Diethyl-O-(7,8,9,10-tetrahydro-6-oxo-6H-dibenzo[b,d]pyran-3-yl) phosphorothioate (CA*) Coumithoate (ISO) 2-(2,4-Dihydroxyphenyl)-1-cyclohexene-1-carboxylicacid, Γ-lactone-O,O-diethyl phosphorothioate Dithion Chromaphon Dition CAS: 572-48-5	
346B	Diethyl-3,5,6-trichloro-2-pyridyl phosphate	
	O,O-Diethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate	219AA
	N,N -Diethyl-α,α,α-trifluoro-3,5-dinitrotoluene-2,4-diamine	335C
	Diethylxanthic disulfide	338
346C	Difenopenten (ANSI) (E)-(+-)-4-[4-[4-Trifluoromethyl]phenoxy]-2-pentenoic acid (9CI) (+-)-4-(p-((α,α,α-Trifluoro-p-tolyl)oxy)phenoxy)-2-pentenoic acid	
	Difenoxuron	551C
	Difenzoquat methyl sulfate	363A
	Difethialone	114AAB
	Diflubenuron	346A

CASWELL#	CHEMICAL	X-REFERENCE
346A	Diflubenzuron (ANSI)	
	N-[[(4-Chlorophenyl)amino]carbonyl]-2,6-difluorobenzamide	
	1-(4-Chlorophenyl)-3-(2,6-difluorobenzoyl)urea	
	Difluron	
	Dimilin	
	Diflubenuron	
	Largon	
	DU 112307	
	CAS: 35367-38-5	
	SHA: 108201	
	CFR: 180.377	
	1-(2,6-Difluorobenzoyl)-3-(4-trifluoro-methylphenyl)urea	647C
348	Difluoro diphenyl trichloroethane	
	CAS: 475-26-3	
	SHA: 032001	
348A	Difluoroethane	
	Freon 152A	
	CAS: 75-37-6	
	4-(Difluoromethoxy)-a-(1-methylethyl), (+-) ester with (+-) cyano-(3-phenoxymethyl) ester	077A
	2-[p-(Difluoromethoxy)phenyl]-3-methylbutyric acid (+-) ester with a-cyano-m-phenoxybenzyl alcohol]	077A
	3-[4,6-bis(Difluoromethoxypyrimidin-2-yl]-1-(2-methoxy carbonylphenylsulfonyl)-urea	074C
	(RS)-2,4' Difluoro-a-(1H-1,2,4-triazol-1-yl methyl)benzhydryl alcohol	463K
	Difluron	346A
	Difolatan	828
	Digermin	889
349	Digitalis	
	CAS: 1339-93-1	
	SHA: 097002	

CASWELL#	CHEMICAL	X-REFERENCE
349C	2,3-Dihydro-2,2-dimethyl-7-benzofuramyl-N-[N-2-(ethoxy-carbonyl)ethyl-N-isopropyl aminosulfenyl]-N-methylcarbamate Oncol OK 174 CAS: 82560-54-1 SHA: 123201	
	Dihydriodide	437A
	2-[4,5-Dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid	003C
349G	Dihydroabietylamine acetate CAS: 53466-80-1	
349AA	9-Dihydroanethole	
	2,3-Dihydro-5-carboxanilido-6-methyl-1,4-oxathiin	165A
349F	5,6-Dihydro 5,6-Dihydroxy carbamate	
	2,3-Dihydro-2,2-dimethyl-7-benzofuranyl-[(dibutylamino)thio]methylcarbamate	463C
	2,3-Dihydro-2,2-dimethyl-7-benzofuranyl methylcarbamate	160A
	2,3-Dihydro-5,6-dimethyl-1,4-dithiin-1,1,4,4-tetraoxide	472AA
	2,3-Dihydro-2,2-dimethyl-7-nitrobenzofuran	463H
349B	5,10-Dihydro-5,10-dioxonaphtho[2,3-b]-p-dithiin-2,3-dicarbonitrile Dithianon (ISO) CAS: 3347-22-6 SHA: 099201	
	6,7-Dihydrodipyrido[1,2-a:2',1'-c]pyrazinedium dibromide	402
	1,2-Dihydro-6-ethoxy-2,2,4-trimethylquinoline	427D
349E	Dihydro-5(2-hydroxyethyl)-1,3,5-triazine-1,3(2H,4H)-diethanol	

CASWELL#	CHEMICAL	X-REFERENCE
349D	Dihydro-5(2-hydroxyethyl)-1,3,5-triazine-1,3(2H,4H)-dipropanol	
350	S-[(2,3-Dihydro-5-isopropoxy-2-oxo-1,3,4-thiadiazol-3-yl)methyl] O,O-Diethyl-phosphorodithioate Prothidathion (ISO) CAS: 20276-83-9 SHA: 350100	
	2,3-Dihydro-2-methyl-7-benzofuranyl methylcarbamate	350A
350A	2,3-Dihydro-2-methylbenzofuran-7-yl methylcarbamate 2,3-Dihydro-2-methyl-7-benzofuranyl methylcarbamate Decarbofuran (ISO) Bay 678363	
351	3,4-Dihydro-6-methyl-2H-pyran-5-carboxanilide Pyracarbolid (ISO,BSI)	
352C	2-[4,5-Dihydro-4-methyl-4-(1-methylethyl-5-oxo-1H-imidazol-2-yl-3-pyridinecarboxylic acid, monoisopropylamine salt CAS: 81510-83-0	
350B	2-[4,5-Dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid, ammonium salt	
	2-[4,5-Dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid, ammonium salt	003I
352H	2-(4,5-Dihydro-4-Methyl-4-(1-Methylethyl-5-oxo-1H-Imidazol-2-yl-3-pyridinecarboxylic acid Imazapyr (ANSI) CAS: 81334-34-1	
221G	2-[4,5-Dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid with 2-propanamine (1:1)	
350C	4,5-Dihydro-1-Methyl-2-nortallow alkyl-1-(2-tallow amidoethyl, Methylsulfate CAS: 68122-86-1	
	5,6-Dihydro-2-methyl-1,4-oxathiin-3-carboxanilide-4,4-dioxide	627A
	5,6-Dihydro-2-methyl-1,4-oxathiin-3-carboxanilide	165A

CASWELL#	CHEMICAL	X-REFERENCE
352D	2,8-Dihydro Mirex	
352E	5,10-Dihydro Mirex	
352F	Dihydro-5-pentyl-2(3H)-firanone (9CI) Γ-n-Amyl butryolactone 4-Hydroxynonanoic acid, Γ-lactone (8CI) SHA: 122301	
352	1,2-Dihydro-3,6-pyridazinedione (CA) 6-Hydroxy-3(2H)-pyridazinone Maleic hydrazide MH Slo-Gro Sucker-Stuff Retard CAS: 123-33-1 SHA: 051501 CFR: 180.175	
352A	1,2-Dihydro-3,6-pyridazinedione, diethanolamine salt CAS: 5716-15-4 SHA: 051502	
352J	1,2-Dihydro-3,6-pyridazinedione, monoetholamine salt. Maleic Hydrazide, monoethanolamine salt.	
352B	1,2-Dihydro-3,6-pyridazinedione, potassium salt CAS: 28282-15-2 SHA: 051503	
352G	1,2-Dihydro-3,6-pyridazinedione, sodium salt	
353	Dihydroretenone (with other extractives of cube or derris roots) CAS: 6659-45-6 SHA: 071002	
353E	Dihydroxyaluminum sodium carbonate CAS: 12011-77-7	

CASWELL#	CHEMICAL	X-REFERENCE
	1,2-Dihydroxybenzene	109A
353C	2,2'-Dihydroxy-4,4'-dimethoxybenzophenone (8CI) Benzophenone-6 Bis(2-hydroxy-4-methoxy-phenyl)methanone (9CI) Uvinul D49 CAS: 131-54-4	
353D	1,3-Di(hydroxyethyl)-5-(methoxypropyl)-s-hexahydrotriazine [part of Ottaform 204]	
353AA	Dihydroxyethyl monohydroxypropyl and dihydroxy-propyl monohydroxyethyl hexahydrotriazine	
	N-4-Dihydroxy-a-oxobenzene ethanimidoyl chloride	631B
	2-(2,4-Dihydroxyphenyl)-1-cyclohexene-1-carboxylicacid, Γ-lactone-O,O-diethyl phosphorothioate	345A
	Dihydroxy-propyl-p-aminobenzoate	469B
	2,3-Dihydroxypropyl oleate	469A
	3',6-Dihydroxy-2',4',5',7'-tetraiodospiro[isobenzo-furan-1(3H),9'[9H]xanthen]-one, disodium salt	425AB
353A	3,5-Diiodo-4-hydroxybenzonitrile Ioxynil (ISO) Bantrol Actril Certrol CAS: 1689-83-4 SHA: 353200	
	Diiodohydroxyquin	354
353B	Diiodomethyl-p-tolyl sulfone Amical 48 CAS: 20018-09-1 SHA: 101002	

CASWELL#	CHEMICAL	X-REFERENCE
354	5,7-Diiodo-8-quinolinol (CA) Diiodohydroxyquin CAS: 83-73-8 SHA: 024003	
355	Diisobutylcresoxyethoxyethyl dimethyl benzyl ammonium chloride Octyl cresoxyethoxyethyl dimethyl benzyl ammonium chloride Hyamine 10 CAS: 25155-18-4 SHA: 069134	
355A	Diisobutylcresoxyethoxyethyl dimethyl benzyl ammonium chloride o-phenylphenol ethoxynonylphenol complex CAS: 53466-87-8 SHA: 069155	
355B	Diisobutyl ketone 2,6-Dimethyl-4-heptanone CAS: 108-83-8	
356	Diisobutylphenoxyethoxyethyl dimethyl benzyl ammonium chloride p-Diisobutylphenoxyethoxyethyl dimethyl benzyl ammonium chloride Hyamine 1622 CAS: 27213-90-7	
	p-Diisobutylphenoxyethoxyethyl dimethyl benzyl ammonium chloride	356
356C	Diisopropyl fluorophosphate DFP CAS: 55-91-4	
356A	3,5-Diisopropylphenyl methylcarbamate (CA) CAS: 330-64-3 SHA: 356200	
356B	N,N'-Diisopropylphosphorodiamidic fluoride Mipafox (ISO) CAS: 371-86-8 SHA: 356300	

CASWELL#	CHEMICAL	X-REFERENCE
357	S-(O,O-Diisopropyl phosphorodithioate) ester of N-(2-mercaptoethyl)benzenesulfonamide Betasan Bensulide (ISO) Prefar R 4461 CAS: 741-58-2 SHA: 009801 CFR: 180.241	
357C	Dikegulac (ANSI) 2,3:4,6-Bis-O-(1-methylethylidine)-alpha-L-xylo-2-hexulofuranosonic acid	
	Dilan	092A
357B	Dilauryl dimethyl ammonium bromide CAS: 3282-73-3	
	Dimecron	661
	Dimefox	843
	Dimelone	362
	Dimenoxypyrin	375AB
	Dimension	717C
	Dimethametryn	380C
	Dimethazone	463D
	Dimethipin	472AA
	Dimethirimol	128A

CASWELL#	CHEMICAL	X-REFERENCE
358	Dimethoate (ANSI) O,O-Dimethyl-S-[(methylcarbamoyl)methyl]phosphorodithioate O,O-Dimethyl phosphorodithioate, S-ester with 2-mercapto-N-methyl-acetamide Cygon Rogor CAS: 60-51-5 SHA: 035001 CFR: 180.204	
	Dimethoxane	363
	1,2-Dimethoxy-4-allylbenzene	579AB
358B	N- (4,6-Dimethyoxy dimethoxypyrimidine-2-yl)aminocarbonyl]-3-(ethylsulfonyl)-2-pyridinesulfonamide DPX-E-9636	
359A	4,5-Dimethoxy-2-phenyl-3(2H)-pyridazone Dimidazon (ISO,BSI) CAS: 3295-78-1 SHA: 359200	
	3-(Dimethoxyphosphinyloxy)-N,N-dimethyl-cis-crotonamide	376
	3-(Dimethoxyphosphinyloxy)-N-methyl-cis-crotonamide	377
359J	2-4,6-Dimethyoxy-pyrimidin-2-yl)amino-carbonyl)aminosulfonyl)-N,N-dimethyl-3-pyridinecartboxamide Accent	
359H	2-[[[(4,6-Dimethoxy-pyrimidin-2-yl)amino]carbonyl]amino sulfonyl]benzoic acid, methyl ester DPX F5384 Bensulfuron-methyl (ANSI) Londax	
359	Dimethrin (ANSI) 2,4-Dimethylbenzyl 2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate (CA) CAS: 70-38-2 SHA: 034101	

CASWELL#	CHEMICAL	X-REFERENCE
	O,S-Dimethylacetylphosphoroamidothioate	002A
359F	4 Dimethylamino-3,5-dimethyl phenol CAS: 6120-10-1 SHA: 205200	
359B	p (Dimethylamino)benzenediazo sodium sulfonate Sodium [4-(dimethylamino)phenyl]diazenesulfonate (CA*) Fenaminosulf (ISO, BSI) Dexon Diazoben Bay 22555 DAS CAS: 140-56-7 SHA: 034201	
359G	2 Dimethylamino-4,5-dimethyl-6-hydroxypyrimidine	
	4 (Dimethylamino)-3,5-dimethylphenyl methylcarbamate	579B
359C	2 (Dimethylamino)-5,6-dimethyl-4-pyrimidinyl dimethylcarbamate Pirimicarb (ANSI) Pirimor PP 062 CAS: 23103-98-2 SHA: 106101 CFR: 180.365	
359D	2-2-[2-(Dimethylamino)ethoxy]ethoxy]bornane CAS: 53404-42-5 SHA: 359500	
	m [[(Dimethylamino)methylene]amino]phenylmethylcarbamate	465A
	m [[(Dimethylamino)methylene]amino]phenylmethylcarbamate hydrochloride	465B
359DD	4 [[(Dimethylamino)methylene]amino]-m-tolylmethylcarbamate Formparanate (ISO,BSI) CAS: 17702-57-7 SHA: 359700	

CASWELL#	CHEMICAL	X-REFERENCE
	4-(Dimethylamino)-3-methylphenyl methylcarbamate	360
	[O-[4-[(Dimethylamino)sulfonyl]phenyl]-O,O-dimethyl]phosphorothioate	456D
359E	p-(Dimethylamino)thiocyanobenzene CAS: 7152-80-9 SHA: 359600	
360	4-(Dimethylamino)-m-tolyl methylcarbamate (CA) Aminocarb (ISO,BSI) 4-(Dimethylamino)-3-methylphenyl methylcarbamate Matacil Bay 44646 CAS: 2032-59-9 SHA: 044401	
360C	S,S'-[2-(Dimethylamino)trimethylene] bis(thiocarbamate) Cartap (ISO,BSI) 1,3-Di(carbamoylthio)-2-dimethylaminopropane Padan	
	4-(Dimethylamino)-3,5-xylylmethylcarbamate	579B
	2,4-Dimethylaniline	119G
	Dimethylarsinic acid	133
	Dimethylarsinic acid, sodium salt	133A
360B	2,2-Dimethyl-1,3-benzodioxol-4-ol-methyl carbamate (CA*) Bendiocarb (ANSI) Ficam NC-6897 CAS: 22781-23-3 SHA: 105201	
	2,4-Dimethylbenzyl 2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate	359

CASWELL#	CHEMICAL	X-REFERENCE
360A	N,N-Dimethyl-N-benzyl-N'-acetylene diamino ammonium chloride	
	1,1'-Dimethyl-4,4'-bipyridinium bis(methylsulfate)	635
	1,1'-Dimethyl-4,4'-bipyridinium dichloride	634
	Dimethyl caprylamide	528BB
	1-(Dimethylcarbamoyl)-5-methyl-3-pyrazolyl dimethylcarbamate	496B
	Dimethyl carbate	362
	O,O-Dimethyl-O-(chloro-4-nitrophenyl)phosphorothioate	201
360D	O,O-Dimethyl-S-(6-Chloro-2-oxobenzoxazolin-3-yl)methyl Phosphoro-thioate	
362	Dimethyl cis-bicyclo[2.2.1]-5-heptene-2,3-dicarboxylate (CA) Dimelone Dimethyl carbate CAS: 5826-73-3 SHA: 021501	
362D	Dimethylcyanoformamide DMCF	
	E&Z-3,3-Dimethyl-1,α-cyclohexaneacetaldehyde	471AB
362C	2,4-Dimethyl cyclohexanone CAS: 823-55-9 SHA: 374600	
362B	N,N-Dimethyl cyclohexylamine	
	Dimethyl 1,3-dicarbomethoxy-1-propen-2-yl phosphate	367
	O,O-Dimethyl-O-(2,6-dichloro-4-methylphenyl)phosphorothioate	857E

CASWELL#	CHEMICAL	X-REFERENCE
362A	O,O-Dimethyl-S-[[(2,5-dichlorophenyl)thio]methyl]phosphorodithioate Methyl phenkapton CAS: 3 35-23-7 SHA: 62200	
	Dimethyl 2 2-dichlorovinyl phosphate	328
	O,O-Dimethyl-O-[2-(diethylamino)-6-methyl-4-pyrimidinyl] phosphorothioate	334B
	2,2-Dimethyl-2,3-dihydrobenzofuranyl-7-methylcarbamate	160A
	O,O-Dimethyl-O-[p-(dimethylsulfamoyl)phenyl]phosphorothioate	456D
363	2,6-Dimethyl-m-dioxan-4-ol acetate (CA) Dimethoxane 6-Acetoxy-2,4-dimethyl-m-dioxane CAS: 8 8-00-2 SHA: 01001	
	6,6-Dimethyl-2,4-dioxo-3-[1-[(2-propenyloxy)amino]butylidene]cyclohexanecarboxylic acid methyl ester, sodium salt	025AA
	N,N-Dimethyl-2,2-diphenylacetamide	395
363A	1,2-Dimethyl-3,5-diphenyl-1H-pyrazolinium methyl sulfate Difenzoquat methyl sulfate (ANSI) Avenge AC 84,777 CAS: 4 222-48-6 SHA: 06401	
364	1,3-Dimethyl-1,1,3,3-disiloxanetetrol-1,3-bis(dimethylthiocarbamate) CAS: 2 232-20-8	
364A	O,O-Dimethyl dithiobis(thioformate) Dimexano (ISO) CAS: 1 68-37-7 SHA: 64200	

CASWELL#	CHEMICAL	X-REFERENCE
364B	2,4-Dimethyl-1,3-dithiolane-2-carboxaldehyde O-(methylcarbamoyl)oxime Tirpate 2,4-Dimethyl-2-formyl-1,3-dithiolane-oxime-methylcarbamate CAS: 26419-73-8 SHA: 364300	
	O,O-Dimethyl dithiophosphate of diethyl mercaptosuccinate	535
365AA	Dimethyldodecylamine caprylate CAS: 67356-52-9 SHA: 365300	
365	N,N-Dimethyldodecylammonium acetate Penar CAS: 1920-05-4 SHA: 039303	
365C	Dimethyl ether DME	
	2-(1,1-Dimethylethyl)-4,6-dinitrophenol	392F
365B	2,4-Dimethylethyl-6,8-dioxabicyclo(3,2,1)octane Hercon luretape (-)4-Methyl-3-heptanol Distilled cubeb oil Multistriatin Multilure N-Trap R elm bark beetle attra CAS: 59014-03-8 SHA: 118001	
365AAA	O,O-Dimethyl-O-(2-ethyl-4-ethoxypyriminidyl-6)thionophosphate O-(6-Ethoxy-2-ethyl-4-pyrimidinyl)-O,O-dimethyl phosphorothioate Etrimfos (ANSI) Ekamet San 197 Etrimphos CAS: 38260-54-7 SHA: 427500	

CASWELL#	CHEMICAL	X-REFERENCE
	S-(1,1-Dimethylethyl)-O-ethyl ethylphosphorothioate	528C
365A	2,5-Dimethyl-2-ethylhexanoic acid 2,2,3,5-Tetramethylhexanoic acid 2,4-Dimethyl-2-isopropylpentanoic acid (and related isomers) Neodecanoic acid CAS: 26896-20-8 SHA: 097501 CFR: 180.248	
	N'-[(5-1,1-Dimethylethyl)-3-isoxazolyl]-N,N-dimethylurea	419E
	4-(1,1-Dimethylethyl)-N-(1-methylpropyl)-2,6-dinitrobenzenamine	125E
	4-(1,1-Dimethylethyl)phenol	130E
	4-(1,1-Dimethylethyl)phenol, potassium salt	130F
	4-(1,1-Dimethylethyl)phenol, sodium salt	130G
704G	O-(2-(1,1-Dimethylethyl)-5-pyrimidinyl)O,O-diethyl-phorothioate XRD-429 CAS: 090338-20-8	
	O-(2-(1,1-Dimethylethyl)-5-pyrimidinyl)-O,O-diethylphosphorothioate	119R
	O,O-Dimethyl-S-[2-ethylsulfinyl)ethyl] phosphorothioate	455
366	O,O-Dimethyl-S-[2-(ethylsulfinyl)-1-methyl-ethyl]phosphorothioate CAS: 2674-91-1 SHA: 366100	
366AA	N-[5-(1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-N,N'-dimethylurea Tebuthiuron (ANSI) 1-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea Spike EL 103 CAS: 34014-18-1 SHA: 105501 CFR: 180.390	

CASWELL#	CHEMICAL	X-REFERENCE
	3-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone	721A
366E	O,O-Dimethyl-O-[2-(ethylthio)ethyl]phosphorothioate	
	S-[[(1,1-Dimethylethyl)thio]methyl]-O,O-diethyl phosphorodithioate	131A
366A	N,N-Dimethylformamide DMF CAS: 68-12-2 SHA: 366200	
	2,4-Dimethyl-2-formyl-1,3-dithiolane-oxime-methylcarbamate	364B
366C	O,O-Dimethyl-S-(N-formyl-2-mercapto-N-methylacetamide) phosphorodithioate S-[2-(Formylmethylamino)-2-oxoethyl]-O,O-dimethylphosphorodithioate (CA*) O,O-Dimethyl phosphorodithioate, S-ester with N-formyl-2-mercapto-N-methylacetamide S 6900 Formothion (ISO) Anthio CAS: 2540-82-1 SHA: 366400	
366H	2,5-Dimethyl-3-furanilide Furcarbanil (ISO)	
366F	Dimethyl guanidine hydrochloride	
	2,6-Dimethyl-4-heptanone	355B
	1,1-Dimethyl-3-(hexahydro-4,7-methanoindan-5-yl)urea	607
366D	5,5-Dimethylhydantoin CAS: 77-71-4	
366G	1,1-Dimethyl hydrazine (UDMH) UDMH CAS: 57-14-7	

CASWELL#	CHEMICAL	X-REFERENCE
367	Dimethyl 3-hydroxyglutaconate dimethyl phosphate (CA) Bomyl Dimethyl 1,3-dicarbomethoxy-1-propen-2-yl phosphate GC 3707 CAS: 122-10-1 SHA: 084201	
368	Dimethyl isopropylaminophenanthrene CAS: 12379-48-5 SHA: 063801	
	2,4-Dimethyl-2-isopropylpentanoic acid (and related isomers)	365A
	Dimethyl ketone	004
368F	Dimethyl lauryl amine	
	0,0-Dimethyl-S-[3-(mercaptomethyl)-1,2,3-benzotriazin-4(3H)-one]phosphorodithioate	374
368A	cis-Dimethyl-2-(methoxymethylcarbamoyl)-1-methylvinylphosphate Methocrotophos (ISO) CAS: 69632-93-5 SHA: 368200	
	4,4-Dimethyl-5-[[[methylamino]carbonyl]oxy]imino]pentanenitrile	598C
368E	5,6-Dimethyl-2-methylaminopyrimidin-4-yl dimethylcarbamate	
	0,0-Dimethyl-S-[(methylcarbamoyl)methyl]phosphorodithioate	358
368B	0,0-Dimethyl-S-[(methylcarbamoyl)methyl]phosphorothioate Omethoate (ISO)	
	3,5-Dimethyl-N-(1-methylethyl-N-(phenylmethyl)benzamide	079D
	2,2-Dimethyl-N-(1-methylethyl)-N-(phenylmethyl)propanamide	083EE
368D	5,6-Dimethyl-2-methyl-formamidopyrimidin-4-yl-dimethylcarbamate	

CASWELL#	CHEMICAL	X-REFERENCE
	O,O-Dimethyl-O-[3-methyl-4-(methylthio)phenyl]phosphorothioate	456F
	O,O-Dimetyl,O-(3-methyl-4-nitrophenyl)phosphorate	601C
	O,O-Dimethyl-O-(3-methyl-4-nitrophenyl)phosphorothioate	373
	Dimethyl-[4-methyl-1,3-phenylenebis(iminocarbonyl-1H-benzimidazole-1,2-diyl)]biscarbamate	573Q
	3,3-Dimethyl-1-(methylsulfinyl)-2-butanone-O-[(methylamino)-carbonyl]oxime	419N
	3,3-Dimethyl-1-(methylsulfinyl)-2-butanone oxime	419Q
369B	3,5-Dimethyl-4-(methylsulfinyl)phenylhydroxymethylcarbamate	
	3,3-Dimethyl-1-(methylsulfonyl)-2-butanone-O-[(methylaminocarbonyl]oxime	4190
	3,3-Dimethyl-1-(methylsulfonyl)-2-butanone oxime	419P
368C	3,5-Dimethyl-4-(methylsulfonyl)phenyl hydroxymethylcarbamate	
368G	3,5-Dimethyl-4-(Methylsulfoxide) Phenyl Hydroxymethylcarbamate	
368BB	3,3-Dimethyl-1-(methylthio)-2-butanone-O-[(methylamino)carbonyl]oxime Thiofanox (ANSI) Dacamox DS 15647 Thiophanox (ANSI rejected) CAS: 39196-18-4 SHA: 109201	
	3,3-Dimethyl-1-(methylthio)-2-butanone oxime	419M
369	O,O-Dimethyl-O-[2-(methylthio)ethyl]phosphorothioate Demephion-O (ISO,BSI) CAS: 682-80-4 SHA: 369100	

CASWELL#	CHEMICAL	X-REFERENCE
369A	0,0-Dimethyl-S-[2-(methylthio)ethyl]phosphorothioate Demephion-S (ISO,BSI) CAS: 2587-90-8 SHA: 369200	
370A	3,5-Dimethyl-4-(methylthio)phenylhydroxymethylcarbamate	
	3,5-Dimethyl-4-(methylthio)phenylmethylcarbamate	578B
370	Dimethyl-p-(methylthio)phenyl phosphate GC 6506 CAS: 3254-63-5 SHA: 370100	
	0,0-Dimethyl-0-[4-(methylthio)-m-tolyl]phosphorothioate	456F
371	0,0-Dimethyl-S-[(morpholinocarbonyl)methyl]phosphorodithioate Morphothion (ISO) CAS: 144-41-2 SHA: 371100	
371A	1,2-Dimethyl-5-nitroimidazole Dimetridazole CAS: 551-92-8 SHA: 371200	
372	0,0-Dimethyl-0-p-nitrophenyl phosphorothioate Methyl parathion Metacide Metron Folidol M CAS: 298-00-0 SHA: 053501	

CASWELL#	CHEMICAL	X-REFERENCE
373	O,O-Dimethyl-O-(4-nitro-m-tolyl) phosphorothioate (CA)	
	Fenitrothion (ISO)	
	O,O-Dimethyl-O-(3-methyl-4-nitrophenyl)phosphorothioate	
	Sumithion	
	Folithion	
	Accothion	
	CP 47114	
	Bay 41831	
	CAS: 122-14-5	
	SHA: 105901	
	N,N-Dimethyl-N'-[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea	837B
373B	1-(3,7-Dimethyloctyl)-1-(2-propenyl)piperidinium bromide	
	ACR 1158D	
	1-Allyl-1-(3,7-dimethyloctyl)piperidinium bromide	
	Piproctanylium bromide	
	ACR 1222	
	Stemtrol	
	Alden	
	Ro 6-0761	
	CAS: 56717-11-4	
	SHA: 116601	
	1,3-Dimethylol-5,5-dimethylhydantoin	273AB
	Dimethyl oleamide	528AB
373A	4,4-Dimethyl-1-oxa-3-azacyclopentane	
	CAS: 51200-87-4	
374AB	4,4-Dimethyloxazolidine	
	CAS: 51200-87-4	
	SHA: 114801	

CASWELL#	CHEMICAL	X-REFERENCE
374	0,0-Dimethyl-S-[(4-oxo-1,2,3-benzotriazin-3(4H)-yl)methyl] phosphorodithioate Azinphos methyl (ISO) 0,0-Dimethyl-S-[3-(mercaptomethyl)-1,2,3-benzotriazin-4(3H)-one]phosphorodithioate Guthion Bay 17147 Metiltriazotion DBD Gusathion CAS: 86-50-0 SHA: 058001 CFR: 180.154	
	3-[2-(3,5-Dimethyl-2-oxocyclohexyl)-2-hydroxyethyl]glutarimide	270A
374A	N'-(2,4-Dimethylphenyl)-N-[[(2,4-dimethylphenyl)imino]methyl]-N-methylmethanimidamide Amitraz (ANSI) N,N'-[(methylimino)dimethylidyne]bis[2,4-xylidine] (CA) U 36059 BTS 27419 Baam Triazid CAS: 33089-61-1 SHA: 106201 CFR: 180.287	
375A	Dimethyl-[(1,2-phenylene)bis(imino-carbonothioyl)]bis[carbamate] (CA*) Thiophanate-methyl (ANSI) Bis[3-(methoxycarbonyl)-2-thioureido]benzene Fungo NF 44 TD 1771 Cercobin M Topsin M CAS: 23564-05-8 SHA: 102001	
375AB	2-[[[1-2,5-Dimethylphenyl]ethyl]sulfonyl]pyridine-1-oxide Dimenoxypyrin CAS: 60236-88-9 SHA: 117301	

CASWELL#	CHEMICAL	X-REFERENCE
	N,N-Dimethyl-N'-phenyl-(N'-fluorodichloromethylthio)sulphamide	297A
	2,4-Dimethylphenyl formanilide	119G
375AA	N-(2,6-Dimethylphenyl)-N-(methoxyacetyl)alanine, methyl ester CGA 48,988 Metalaxyl (ANSI) Ridomil CAS: 57837-19-1 SHA: 113501 CFR: 180.408	
	N-(2,6-Dimethylphenyl)-N-(phenylacetyl)-DL-alanine, methyl ester	471AC
380A	cis-2,5-Dimethyl-N-phenyl-1-pyrrolidinecarboxamide Cisanilide (ANSI) Rowtate CAS: 34484-77-0 SHA: 375300	
	2,4-Dimethyl-N-phenyl-5-thiazolecarboxamide	579E
	1,1-Dimethyl-3-phenylurea	457
	Dimethyl phosphate of 3-hydroxy-N-hydroxy-methyl-cis-crotonamide	731J
378A	O,S-Dimethyl phosphoramidothioate Methamidophos (ANSI) Monitor RE 9006 Tamaron Bay 71628 CAS: 10265-92-6 SHA: 101201 CFR: 180.315	
	O,O-Dimethyl phosphorodithioate, S-ester with 2-mercapto-N-(2-methoxyethyl)acetamide	033

CASWELL#	CHEMICAL	X-REFERENCE
	O,O-Dimethyl phosphorodithioate, S-ester with 2-mercapto-N-methyl-acetamide	358
378B	O,O-Dimethyl phosphorodithioate, S-ester with 4-mercaptomethyl-2-methoxy-σ-2-1,3,4-thiadiazolin-5-one	
	Methidathion (ANSI)	
	S-[(5-Methoxy-2-oxo-1,3,4-thiadiazol-3(2H)-yl)methyl]-O,O-dimethyl phosphorodithioate	
	GS 13005	
	Supracide	
	CAS: 950-37-8	
	SHA: 100301	
	CFR: 180.298	
	O,O-Dimethyl phosphorodithioate, S-ester with N-formyl-2-mercapto-N-methylacetamide	366C
	O,O-Dimethyl phosphorodithioate, S-ester with N-(mercaptomethyl)phthalimide	543
379A	O,O-Dimethyl phosphorothioate, S-ester with 2-[(2-mercaptoethyl)thio]-N-methylpropionamide	
	Vamidothion (ISO)	
	CAS: 2275-23-2	
	SHA: 379200	
	O,O-Dimethyl phosphorothioate, S-ester with 2-(mercaptomethyl)-5-methoxy-4H-pyran-4-one	422
380	Dimethyl phthalate	
	DMP	
	CAS: 131-11-3	
	SHA: 028002	
	O,O-Dimethyl-S-(phthalimididomethyl)phosphorodithioate	543
380AB	N,N-Dimethylpiperidinium chloride	
	1,1-Dimethylpiperidinium chloride (CA)	
	Mepiquat chloride (ANSI PROP)	
	BAS 083W	
	Methylpiperidine HCl	
	Pix	
	CAS: 24307-26-4	
	SHA: 09101	
	CFR: 80.384	

CASWELL#	CHEMICAL	X-REFERENCE
	1,1-Dimethylpiperidinium chloride	380AB
380B	Dimethylpolysiloxane CAS: 3148-62-9	
	2-[(1,2-Dimethylpropyl)amino]-4-(ethylamino)-6-(methylthio)-s-triazine	380C
380C	N-(1,2-Dimethylpropyl)-N'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine Dimethametryn (ISO PROP) 2-[(1,2-Dimethylpropyl)amino]-4-(ethylamino)-6-(methylthio)-s-triazine C 18898 TK 1245 Beclene 310 CAS: 22936-75-0 SHA: 080815	
	4-(1,1-Dimethylpropyl)phenol	050
	4-(1,1-Dimethylpropyl)phenol, potassium salt	050A
	4-(1,1-Dimethylpropyl)phenol, sodium salt	050B
	N-(1,1-Dimethylpropynyl)-3,5-dichlorobenzamide	306A
380D	O,O-Dimethyl-O-2-quinoxalinyl phosphorothioate (CA*) Quinalphos-methyl CAS: 13593-08-3	
363B	1,5-Dimethyl-(1S)-6,8-dioxobicyclo[3.2.1]octane (9CI) Frontalin Frontalure Southern Pine Beetle Attractant (contains α-pinene) CAS: 28401-39-0	
	O,O-Dimethyl-O-p-sulfamoylphenyl phosphorothioate	272B
381	Dimethyl sulfoxide DMSO CAS: 67-68-5 SHA: 000177	

CASWELL#	CHEMICAL	X-REFERENCE
	1R-1-a-2,2-Dimethyl-3-(1,2,2,2-tetrabromoethyl)cyclopropanecarboxylate-cyano(3-phenoxyphenyl) methyl ester	861AA
	Dimethyl tetrachloro-1,4-benzenedicarboxylate	382
382	Dimethyl tetrachloroterephthalate (CA) Tetrachloroterephthalic acid, dimethyl ester Dimethyl tetrachloro-1,4-benzenedicarboxylate (CA*) Dacthal DCPA Chlorthal-methyl Chlorthal-dimethyl CAS: 1861-32-1 SHA: 078701 CFR: 180.185	
	1,1-Dimethyl-3-[m-(1,1,2,2-tetrafluoroethoxy)phenyl]urea	837B
	3,5-Dimethyltetrahydro-2H-1,3,5-thiadiazine-2-thione	840
	2,4-Dimethyl-5-thiazolecarboxanilide	579E
	Dimethyl-N,N'-[thiobis[[(methylimino)carbonyl]oxy]]bis[ethanimidothioate]	900AA
382A	N,N-Dimethylthiourea	
383	1,1-Dimethyl-2-thio-3-m-tolylurea Methiuron (ISO) CAS: 21540-35-2 SHA: 383100	
	Dimethyl (2,2,2-trichloro-1-butyryloxy)ethylphosphonate	385A

CASWELL#	CHEMICAL	X-REFERENCE
385	Dimethyl-2,2,2-trichloro-1-hydroxyethyl-phosphonate (CA) Neguvon Trichlorphon (ISO) Trichlorofon Dylox Chlorphos Bay 13/59 Anthon CAS: 52-68-6 SHA: 057901	
385A	Dimethyl-(2,2,2-trichloro-1-hydroxyethyl)phosphonate, butyric acid ester Butonate (ISO) Dimethyl (2,2,2-trichloro-1-butyryloxy)ethylphosphonate CAS: 126-22-7 SHA: 035701 CFR: 180.198	
	O,O-Dimethyl-O-(2,4,5-trichlorophenyl)phosphorothioate	724
	Dimethyl-3,5,6-trichloro-2-pyridyl phosphate	465CC
	O,O-Dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate	179AA
386	2,6-Dimethyl-4-tridecylmorpholine Tridemorph (ISO) Calixin CAS: 24602-86-6 SHA: 121401	
333AA	N-[2,4-Dimethyl-5-[[(trifluoromethyl)-sulfonyl]amino]phenyl]acetamide, diethanolamine salt Melfluidide (ANSI) Methafluoridamid MBR 1235 Vistar CAS: 53780-36-2 SHA: 114002 CFR: 180.386	

CASWELL#	CHEMICAL	X-REFERENCE
333AC	N-[2,4-Dimethyl-5-[[(trifluoromethyl)-sulfonyl]amino]phenyl]acetamide, Potassium salt Melfluidide, Potassium salt (ANSI) Embark	
387	1,1-Dimethyl-3-(α,α,α-trifluoro-p-tolyl)urea Parafluron (ISO,BSI) CAS: 7159-99-1 SHA: 035510	
	1,1-Dimethyl-3-(α,α,α-trifluoro-m-tolyl)urea	460A
	N,N-Dimethyl-1,2,3-trithian-5-yl-amine hydrogen oxalate	853F
	m-(3,3-Dimethylureido)phenyl-tert-butylcarbamate	516A
	Dimetilan	496B
	Dimetridazole	371A
	Dimexano	364A
	Dimidazon	359A
	Dimilin	346A
	Dimite	310
	Dinaconazole	307A
	Dinex	391
425E	Diniconazole	
	Dinitramine	335C
388	4,6-Dinitro-o-amylphenol 4,6-Dinitro-o-sec-amylphenol CAS: 4097-36-3 SHA: 037504	

CASWELL#	CHEMICAL	X-REFERENCE
388A	2,4-Dinitroanisole CAS: 119-27-7 SHA: 037503	
	3,5-Dinitrobenzyl alcohol	224A
389C	2,4-Dinitrochlorobenzene CAS: 97-00-7 SHA: 055102	
390	4,6-Dinitro-o-cresol DNOC Sinox CAS: 534-52-1 SHA: 037507 CFR: 180.344	
390A	4,6-Dinitro-o-cresol, sodium salt Sodium 4,6-dinitro-o-cresylate (CA) CAS: 2312-76-7 SHA: 037508	
391D	2,4-Dinitro-6-octyl-phenyl crotonate 2,6-Dinitro-4-octyl-phenyl crotonate 2-(1-Methylheptyl)-4,6-dinitrophenyl crotonate (CA) Karathane Dinocap Arathane CAS: 39300-45-3 SHA: 036001 CFR: 180.341	
	2,6-Dinitro-4-octyl-phenyl crotonate	391D
391	4,6-Dinitro-o-cyclohexylphenol Dinex 2-Cyclohexyl-4,6-dinitrophenol CAS: 131-89-5 SHA: 037501	

CASWELL#	CHEMICAL	X-REFERENCE
391B	4,6-Dinitro-o-cymen-3-ol Dinoprop (ISO,BSI) CAS: 7257-41-2 SHA: 319300	
	2,6-Dinitro-N,N-dipropylcumidine	506A
	3,5-Dinitro-N4,N4-dipropylsulfanilamide	623A
391C	2,6-Dinitro-N,N-dipropyl-p-toluidine Dipropalin CAS: 1918-08-7 SHA: 391400	
	2,4-Dinitro-N3,N3-dipropyl-6-(trifluoromethyl)-1,3-benzenediamine	727A
392AA	1,4-Dinitrophenol	
392	2,4-Dinitrophenol CAS: 51-28-5 SHA: 037509	
392A	2,4-Dinitrophenyl-2,4-dinitro-6-sec-butylphenylcarbonate Dinofenate (BSI) CAS: 61614-62-8 SHA: 392200	
392B	2,4-Dinitrophenyl pentyl sulfone Sultropen (ISO) CAS: 963-22-4 SHA: 392300	
392C	2,4-Dinitrophenyl thiocyanate CAS: 1594-56-5 SHA: 392400	
	4,6-Dinitro-o-sec-amylphenol	388

CASWELL#	CHEMICAL	X-REFERENCE
	3,5-Dinitro-o-toluamide	932
388AB	2,6-Dinitro-4-trifluoromethyl phenol BAS 392-D-4	
392L	2,4-Dinitro-6-trifluoromethyl-m-phenylenediamine UBS 2727	
	Dinoben	312
	Dinobuton	128F
	Dinocap	391D
	Dinocton	573J
	Dinocton-o	561B
	Dinocton-p	561C
	Dinofenate	392A
392D	Dinopenton (ISO) Isopropyl-2-(1-methylbutyl)-4,6-dinitrophenylcarbonate CAS: 5386-57-2 SHA: 511300	
	Dinoprop	391B
392DD	Dinoseb (ANSI) 2-sec-Butyl-4,6-dinitrophenol 2-(1-Methylpropyl)-4,6-dinitrophenol DNBP Dyanap (part, see casw 592) Elgetol Subitex CAS: 88-85-7 SHA: 037505 CFR: 180.281	

CASWELL#	CHEMICAL	X-REFERENCE
392DH	Diroseb, sodium salt (ANSI) 2-sec-Butyl-4,6-dinitrophenol, sodium salt CAS: 35040-03-0	
392DE	Dinoseb, alkanolamine salts (ethanol & isopropanol series) (ANSI) 2-sec-Butyl-4,6-dinitrophenol, alkanolamine salts (ethanol & isopropanol series) Basanite Premerge CAS: 8048-12-2	
392DF	Dinoseb, ammonium salt (ANSI) 2-sec-Butyl-4,6-dinitrophenol, ammonium salt CAS: 6365-83-9	
392DG	Dinoseb, diethanolamine salt (ANSI) 2-sec-Butyl-4,6-dinitrophenol, diethanolamine salt CAS: 53404-03-0	
	Dinoseb methacrylate	086
392E	Dinosulfon (ISO) S-Methyl-2-(1-methylheptyl)-4,6-dinitrophenyl	
392F	Dinoterb 2-tert-Butyl-4,6-dinitrophenol (ISO) 2-(1,1-Dimethylethyl)-4,6-dinitrophenol CAS: 1420-07-1 SHA: 228400	
392G	Dinoterbon (ISO,BSI) 2-tert-Butyl-4,6-dinitrophenyl ethyl carbonate CAS: 6073-72-9 SHA: 228500	
392J	Dioctyl adipate Di(2-Ethylhexyl)adipate CAS: 103-23-1	

CASWELL#	CHEMICAL	X-REFERENCE
392H	Dioctyl dimethyl ammonium chloride	
	CAS: 5538-94-3	
	SHA: 069166	
392K	Dioctyl phthalate	
	CAS: 117-81-7	
	SHA: 295200	
	Dioctyl sebacate	446C
392I	Dioctyl sodium sulfosuccinate	
	Sodium dioctyl sulfosuccinate	
	CAS: 1639-66-3	
	SHA: 079027	
393A	Dioxacarb (ANSI)	
	o-1,3-Dioxolan-2-yl phenylmethylcarbamate	
	C 8353	
	Famid	
	Elocron	
	CAS: 6988-21-2	
	SHA: 392100	
393B	Dioxalan methoxyimino benzacetonitrile	
	α-[(1,3-Dioxalan-2-ylmethoxy)-imino]benzeneacetonitrile	
	CGA 92,194	
	α-[(1,3-Dioxalan-2-ylmethoxy)-imino]benzeneacetonitrile	393B
	Dioxamyl	561A
	2,3-p-Dioxanedithiol-S,S-bis(O,O-diethyl phosphoro-dithioate) (and related compounds 30%)	393
	S,S-p-Dioxane-2,3-diyl-O,O,O',O'-tetraethyl phosphorodithioate	393

CASWELL#	CHEMICAL	X-REFERENCE
393	Dioxathion (ANSI) 2,3-p-Dioxanedithiol-S,S-bis(O,O-diethyl phosphoro-dithioate) (and related compounds 30%) S,S-p-Dioxane-2,3-diyl-O,O,O',O'-tetraethyl phosphorodithioate Navadel Delnav CAS: 78-34-2 SHA: 037801 CFR: 180.171	
393AB	Dioxin	
	9,10-Dioxoanthracene	052A
	1,3-Dioxolane-4-methanol bromoacetate	113
	o-1,3-Dioxolan-2-yl phenylmethylcarbamate	393A
	Dioxydemeton-S-methyl	455A
	Dipel	066
	Dipentene	526
	Diphacin	394
394	Diphacinone (ANSI) 2-(Diphenylacetyl)-1,3-indandione Diphacin Diphenadione CAS: 82-66-6 SHA: 067701	
394A	Diphacinone, sodium salt (ANSI) 2-(Diphenylacetyl)-1,3-indandione, sodium salt CAS: 42721-99-3 SHA: 067705	
	Diphenadione	394

CASWELL#	CHEMICAL	X-REFERENCE
395	Diphenamid (ANSI) N,N-Dimethyl-2,2-diphenylacetamide (CA) Dymid Enide CAS: 957-51-7 SHA: 036601 CFR: 180.230	
	Diphenatrile	396
	Diphenyl	087
396	Diphenylacetonitrile Diphenatrile CAS: 86-29-3 SHA: 037901	
	2-(Diphenylacetyl)-1,3-indandione	394
	2-(Diphenylacetyl)-1,3-indandione, sodium salt	394A
398	Diphenylamine CAS: 122-39-4 SHA: 038501 CFR: 180.190	
399F	2,3-Diphenyl-5-p-chlorophenyl thiophene Microlite T-930 CAS: 55691-00-1 SHA: 126201	
399	Di(phenylmercuri)ammonium propionate CAS: 18467-88-4 SHA: 066002	
399A	Di(phenylmercury) dodecenylsuccinate CAS: 27236-65-3 SHA: 066001	

CASWELL#	CHEMICAL	X-REFERENCE
	N-(2,4-Diphenyl)-N'-methylformamidine	119F
399B	Diphenyl phthalate CAS: 84-62-8 SHA: 017001	
399C	Diphenylstibene 2-ethylhexanoate Biomet 14 CAS: 5035-58-5 SHA: 006202	
399D	Diphenyl sulfone CAS: 127-63-9 SHA: 399500	
	Dipher	930
	Dipropalin	391C
	Dipropetryn	456AA
399DA	N[[4-Dipropylamino-3,5-dinitrophenyl]sulfonyl]-S,S-dimethyl sulfilime EL 13 Prosulfalin (ANSI) CAS: 51528-03-1 SHA: 112801	
399E	Dipropylene glycol CAS: 25265-71-8 SHA: 068604	
	Dipropylene glycol methyl ether	551D
400	Dipropyl isocinchomeronate MGK 326 CAS: 136-45-8 SHA: 047201 CFR: 180.143	

CASWELL#	CHEMICAL	X-REFERENCE
401	Di-n-propylmaleate isosafrolecondensate n-Propyl isome Dipropyl 1,2,3,4-tetrahydro-3-methyl-6,7-(methylenedioxy)-1,2-naphthalenedicarboxylate CAS: 83-59-0 SHA: 038001	
401A	N,N-Dipropyl-2-[(p-methoxybenzyl)oxy]acetamide 2-[(4-Methoxyphenyl)methoxy]-N,N-dipropylacetamide (CA*) CAS: 15823-55-9 SHA: 401200	
	Dipropyl 1,2,3,4-tetrahydro-3-methyl-6,7-(methylenedioxy)-1,2-naphthalenedicarboxylate	401
402AA	Diquat bistribromide CAS: 27041-82-3	
402	Diquat dibromide (ANSI) 6,7-Dihydrodipyrido[1,2-a:2',1'-c]pyrazinedium dibromide 1,1'-Ethylene-2,2'-dipyridylium dibromide Reglone Aquacide Detrone Weedtrine-D CAS: 85-00-7 SHA: 032201 CFR: 180.226	
402A	Disodium cyanodithioimidocarbonate CAS: 138-93-2 SHA: 063301	
402C	Disodium cycloheximide glutarate	
402B	Disodium di(2-hydroxyethyl) ethylenediamine diacetate CAS: 78011-25-5 SHA: 039114	

CASWELL#	CHEMICAL	X-REFERENCE
403	Disodium 4-dodecyl-2,4'-oxy-dibenzenesulfonate (CA) Benax 2-A-1 (part, see casw 407) CAS: 7575-62-4 SHA: 079002	
	Disodium ethylene bisdithiocarbamate	585
405	Disodium methanearsonate (CA) DSMA Ansar 184 Methar DMA 100 Crab-E-Rad 100 Weed-E-Rad Ditac CAS: 144-21-8 SHA: 013802 CFR: 180.289	
406	Disodium-2,2'-methylenebis(4-chlorophenate) CAS: 22232-25-3 SHA: 055003	
406A	Disodium monoethanolamine phosphate CAS: 53404-45-8 SHA: 076410	
404	Disodium N-(2-hydroxyethyl)iminodiacetate CAS: 135-37-5 SHA: 039102	
406B	Disodium octaborate tetrahydrate CAS: 12280-03-4 SHA: 011103	
407	Disodium-2,2'-oxybis(4-dodecylbenzenesulfonate) (CA) Benax 2-A-1 (part, see casw 961) CAS: 5136-51-6 SHA: 079003	

CASWELL#	CHEMICAL	X-REFERENCE
408	Disodium-2,2'-thiobis(4,6-dichlorophenate) (CA) Vancide BN CAS: 6385-58-6 SHA: 064203	
	Disparlure	424A
	Disrupt	411B
	Distilled cubeb oil	365B
	Distolon	306B
408AA	Disugran (ANSI) Methyl-3,6-dichloro-o-anisate Dicamba-methyl (ISO) Racuza CAS: 6597-78-0 SHA: 408200	
	Disul	318
	Disulfoton	341
408C	Disulfoton sulfon	
	Di-Syston	341
	Ditac	405
408BB	Ditalimfos (ANSI) O,O-Diethyl-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)phosphonothioate O,O-Diethyl-phthalimidophosphonothioate Plondrel Dowco 199 CAS: 5131-24-8 SHA: 106301	

CASWELL#	CHEMICAL	X-REFERENCE
	Dithane A-40	585
	Dithane D-14	585
	Dithane M-22	539
	Dithane M-45	913A
	Dithane S-31 (part, see casw 596B)	539
	Dithane S-31 (part, see casw 539)	596B
	Dithane Z-78	930
	Dithianon	349B
	Dithio	837
408A	2,2-Dithiobisbenzothiazole (CA) CAS: 120-78-5 SHA: 009202	
408CC	α,α-Dithiobis(O,O-dimethylphosphorodithioate)toluene S,S'-Benzylidene bis(O,O-dimethyl phosphorodithioate CAS: 2782-70-9	
408B	Dithiobis[thioformic acid] bis(2,2-dimethylhydrazide) Azithiram (ISO) CAS: 5834-94-6 SHA: 408300	
409	β,β-Dithiocyano diethyl ether Lethane A70 CAS: 4617-17-8 SHA: 010001	
	Dithiodemeton	341

CASWELL#	CHEMICAL	X-REFERENCE
	Dithion	345A
	Dithione	837
	Dithiopyr	717C
	Dithiosystox	341
	Dithiuron	188E
	Dition	345A
409A	Ditolyl ether-formaldehyde condensate sulfonate	
409B	Ditolyl ether-sulfuric acid-formaldehyde condensate, sodium salt	
	Ditranil	311
410	Diuron (ANSI) 3-(3,4-Dichlorophenyl)-1,1-dimethylurea Karmex DMU DCMU CAS: 330-54-1 SHA: 035505 CFR: 180.106	
	DKB isomer A	271AD
	DKB isomer B	271AE
	DLP 787	718B
	DMA	315-0
	DMA 100	405
	DMCF	362D

CASWELL#	CHEMICAL	X-REFERENCE
	DMCP	207A
	DME	365C
	DMF	366A
	DMP	380
	DMPA	323
	DMSO	381
	DMTT	840
	DMU	410
	DN-111	330
	DNBP	392DD
	DNOC	390
	Do 48	130H
411	Dodecachlorooctahydro-1,3,4-metheno-1H-cyclobuta[cd]pentalene Mirex Dechlorane Ferriamicide CAS: 2385-85-5 SHA: 039201 CFR: 180.251	
411C	(E)-8,10-Dodecadien-1-ol	
410B	1-Dodecanaminium, N,N-(methylenebis(oxy-2,1-ethanediyl)) SHA: 124901	
	1-Dodecanol	519B

CASWELL#	CHEMICAL	X-REFERENCE
410C	8-Dodecen-1-yl-acetate Isomate-M CAS: 38363-29-0	
411B	(Z) and (E)-9-Dodecenyl acetate (declare percentage of each isomer on the label) WPSB Pheromone Sonolure Disrupt Nomate Shootgard CAS: 16974-11-1 SHA: 117701	
	Dodecyl alcohol	519B
412	Dodecylamine lactate CAS: 7491-20-5 SHA: 039301	
413	Dodecylamine salicylate CAS: 7491-21-6 SHA: 039302	
	Dodecylamine salt	315F
413A	N-[2-[[2-(Dodecylamino)ethyl]amino]ethyl]glycine Dodicin (CAN) CAS: 6843-97-6 SHA: 413300	
413B	Dodecylammonium methanearsonate CAS: 53404-47-0 SHA: 013805	
413G	Dodecylbenesulfonates	
413C	Dodecylbenzenesulfonic acid CAS: 27176-87-0 SHA: 098002	

CASWELL#	CHEMICAL	X-REFERENCE
413D	Dodecylbenzenesulfonic acid, diethanolamine salt CAS: 26545-53-9 SHA: 079015	
413DE	Dodecylbenzenesulfonic acid-iodine complex	
413DF	Dodecylbenzenesulfonic acid, monoethanolamine salt CAS: 26836-07-7	
413DG	Dodecylbenzenesulfonic acid, morpholine salt Benzamorf (ISO,BSI) CAS: 1268-08-5	
413E	Dodecylbenzyl alkyl*-dimethyl ammonium chloride *(67% C18, 33% C16)	
413F	1-(Dodecylbenzyl)pyridinium chloride CAS: 30901-67-8 SHA: 069172	
414	Dodecylbenzyl trimethyl ammonium chloride CAS: 1330-85-4 SHA: 069125	
415	Dodecylbenzyl trimethyl ammonium 2-ethylhexanoate CAS: 12379-51-0 SHA: 069126	
415A	Dodecyl bis(hydroxyethyl)dioctyl ammonium phosphate SHA: 169154	
415B	Dodecyl bis(hydroxyethyl)octylhydrogen ammonium phosohate SHA: 169155	
416	Dodecyldiethylamine N,N-Diethyldodecylamine CAS: 4271-27-6 SHA: 032301	

CASWELL#	CHEMICAL	X-REFERENCE
416A	Dodecyl di(2-hydroxyethyl) benzyl ammonium chloride CAS: 19379-90-9 SHA: 069181	
416B	Dodecyl dimethyl benzyl ammonium bromide CAS: 139-07-1 SHA: 069123	
416C	Dodecyl dimethyl benzyl ammonium chloride CAS: 139-07-1 SHA: 069124	
417	Dodecyl dimethyl benzyl ammonium cyclopentanecarboxylate CAS: 2232-26-4 SHA: 069128	
418	Dodecyl dimethyl benzyl ammonium naphthenate SHA: 069127	
	Dodecylguanidine acetate	419
418A	Dodecylguanidine hydrochloride Cytox 2013 Durotex 7487-A CAS: 13590-97-1 SHA: 044303	
418AA	Dodecylguanidine terephthalate CAS: 19727-17-4 SHA: 044302	
	2-Dodecyl soquinolinium bromide	520
	Dodecyl-2 methylacrylate	521
	Dodemorph	268C
	Dodemorph acetate	268E

CASWELL#	CHEMICAL	X-REFERENCE
	Dodemorph benzoate	268I
	Dodicin	413A
419	Dodine (ANSI)	
	Dodecylguanidine acetate (CA)	
	Cyprex	
	Doguadine	
	Sylli	
	Tsitrex	
	Venturol	
	CAS: 439-10-3	
	SHA: 44301	
	CFR: 80.172	
	Doguadine	419
	Dowco 109	127A
	Dowco 169	654B
	Dowco 179	219AA
	Dowco 199	408BB
	Dowco 213	884A
	Dowco 214	179AA
	Dowco 217	465CC
	Dowco 233	882I
	Dowco 290	323H
4190	Dowco 356	
	Tandem	
	Tridiphane (ANSI)	
	SHA: 126601	

CASWELL#	CHEMICAL	X-REFERENCE
	Dowco 444	528AA
419C	Dowco 453	
463-0	Dowco 433 acid	
419T	Dowco 233 EGBE ester Butoxyethyl-3,5,6-trichloro-2-pyridinyloxy acetate Triclopyr butoxy ethyl ester	
419L	Dowco 453, sodium salt Sodium-2-(4-((3-chloro-5-(trifluoromethyl-2-pyridinyl)oxy)phenoxy)propanoate	
	Dowfume W 85	439
	Dowicide	623AA
	Dowicide 4	209
	Dowicide	641
	Dowicide	186
	Dowicide	787
	Dowicide 1 (part, see casw 210)	211
	Dowicide 1 (part, see casw 211)	210
	Dowicil 7	181
	Dowicil 1 0	181
	Dowicil A 40	882FF
	Dowicil S 13	830A
	Dowpon	273

CASWELL#	CHEMICAL	X-REFERENCE
	Dowpon M	273BC
	2,4-DP	320
	DP-300	186A
	2,4-DP, butoxyethyl ester	320E
	DPX 1108	465G
	DPX 1410	561A
	DPX 3674	271AA
	DPX 4189	194AA
	DPX 5648	561D
419K	DPX 6573 Bis(4-fluorophenyl)methyl(1H-1,2,4-triazol-1-yl methyl)silane Nustar CAS: 85509-19-9 SHA: 128835	
	DPX-43898	663P
	DPX-E-963	358B
	DPX F5384	359H
	DPX F6025	193B
419J	DPX H5249	
	DPX-L5296	550A

CASWELL#	CHEMICAL	X-REFERENCE
419S	DPX L5300 Methyl-2-[[[[N-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)-N-methyl-amino]carbonyl]amino]sulfonyl]benzoate Benzoic acid, 2[[[[N-4-methoxy-6-methyl-1,3,5-triazin-2-yl)-N-methylamino]carbonyl]amino]sulfonyl], methyl ester IN-L5300 L5300 Express CAS: 10200-48-0	
	DPX M6316	573S
419H	DPX T6376 Methyl-2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]sulfonyl]benzoate Metsulfuron-methyl (ANSI) Ally CAS: 74223-64-6 SHA: 122010	
419R	DPX Y5893 Trans 5-(4-Chlorophenyl)-N-cyclohexyl-4-methyl-2-oxathiazolidine-3-carboxamide CAS: 78587-05-0 SHA: 128849	
	DPX-Y6202	215D
	Drazoxolon	207C
	DRC-1339	216A
	Drepamon	082AA
	Dri-Die	734
	Drop-Leaf	753
	Dropp	659A
	DS 649	833B

CASWELL#	CHEMICAL	X-REFERENCE
	DS 4018	329A
	DS 5817	196
419M	DS 15619 3,3-Dimethyl-1-(methylthio)-2-butanone oxime	
	DS 15647	368BB
419N	DS 17839 3,3-Dimethyl-1-(methylsulfinyl)-2-butanone-O-[(methylamino)-carbonyl]oxime	
419O	DS 20238 3,3-Dimethyl-1-(methylsulfonyl)-2-butanone-O-[(methylaminocarbonyl]oxime	
419P	DS 20242 3,3-Dimethyl-1-(methylsulfonyl)-2-butanone oxime	
419Q	DS 20243 3,3-Dimethyl-1-(methylsulfinyl)-2-butanone oxime	
	DSMA	405
	DU 112307	346A
	Dual	188DD
	Duomeen	014A
	DuPont 1410	561A
	Dupont 1991	075A
	Duraphos	160B
	Duraset	860
	Durotex 7437-A	418A

CASWELL#	CHEMICAL	X-REFERENCE
	Dursban	219AA
	Du-Sprex	297
	Du-ter	896E
	Dyanap (part, see casw 592)	392DD
	Dyanap (part, see casw 392DD)	592
	Dyfonate	454B
	Dylox	385
	Dymid	395
	Dynium	018A
	Dyrene	302
419B	Dysprosium chloride	
	EBDC	913A
	Ebuzin	033L
	Ectrin	077A
	EDB	439
	EDC	440
	Edifenphos	434B
	Edolan U	883A
	EDTA	438

CASWELL#	CHEMICAL	X-REFERENCE
	Efosite-Al	012B
419A	Egg solids whole	
	EGT	441A
	Ekamet	365AAA
	Ekatin	455B
	EL 103	366AA
419F	EL 107 Compound 121607 N-[3-(1-Ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide Isoxaben (ANSI) CAS: 82558-50-7 SHA: 125851	
	EL 119	623A
	EL 131	399DA
	EL 161	453B
	EL 171	130C
	EL-177	266F
	EL 179	506A
419E	EL 187 N'-[(5-1,1-Dimethylethyl)-3-isoxazolyl]-N,N-dimethylurea (9CI) Isouron (ANSI) CAS: 55861-78-4 SHA: 125801	
	El 222	207AA

CASWELL#	CHEMICAL	X-REFERENCE
419G	El 228 a-(2-Chlorophenyl)-a-(4-fluorophenyl)-5-pyrimidine methanol Nuarimol (ANSI) Trimidal CAS: 63284-71-9 SHA: 224100	
	El 241	637A
	El 273	861A
	El 291	884C
	El 400	114E
419U	El-436 Compound 193136	
419AA	El 468 N-[2-Amino-3-nitro-5-(trifluoromethyl)-phenyl]-2,2,3,3-tetrafluoro-propanimide) Nifluridide (ANSI) CAS: 61444-62-0 SHA: 121101	
	El 500	266D
	El 531	051A
	Elanco	561BB
	Elancolan	889
	Elcar	675I
	Elcide 73	766
	Elgetol	392DD

CASWELL#	CHEMICAL	X-REFERENCE
	Elocron	393A
	EM 368	574H
	EM 373	574G
	Embark	333AA
	Embark	333AC
	EMH	568E
	Emmi	480
	Endosan	086
420	Endosulfan (ANSI) 6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin 3-oxide Thiodan Benzoepin Crisulfan Hildan Malix CAS: 115-29-7 SHA: 079401 CFR: 180.182	
421	Endothall (ANSI) 7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid 3,6-Endoxohexahydrophthalic acid Accelerate Aquathol Des-I-Cate Hydout Hydrothol CAS: 129-67-9 SHA: 038901 CFR: 180.293	

CASWELL#	CHEMICAL	X-REFERENCE
	Endothall, di(N,N-dimethyl alkylamine) salt	625D
	Endothall, di(N,N-dimethyl-cocoamine) salt	625E
421B	Endothall, di(N,N-dimethyltridecylamine) salt	
	7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, di(N,N-dimethyltridecylamine) salt	
	CAS: 2536-26-7	
	SHA: 038902	
421A	Endothall, dihydroxyaluminum salt	
	7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dihydroxyaluminum salt	
	SHA: 421200	
	7-Endothall, dipotassium salt	625B
421C	Endothall, disodium salt	
	7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, disodium salt	
	CAS: 129-67-9	
	SHA: 038903	
	Endothall, mono(N,N-dimethylalkyl*amine)salt *(fatty acid ofcoconut oil).	625C
421D	Endothall, mono (N,N-dimethyl*alkylamine) salt *(fatty acid ofcoconut oil)	
	Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, mono (N,N-dimethyl*alkylamine)salt *(fatty acid of coconut oil)	
	Hydrothol 191	
422	Endothion (ANSI(WITHDRAWN))	
	S-[(5-Methoxy-4-oxo-4H-pyran-2-yl)methyl]-O,O-dimethyl phosphorothioate	
	O,O-Dimethyl phosphorothioate, S-ester with 2-(mercaptomethyl)-5-methoxy-4H-pyran-4-one	
	Phosphopyron	
	NIA 5767	
	AC 18,737	
	Exothion	
	CAS: 2778-04-3	
	SHA: 422100	
	3,6-Endoxohexahydrophthalic acid	421

CASWELL#	CHEMICAL	X-REFERENCE
	Endrex	423
423	Endrin (ANSI) Hexachloroepoxyoctahydro-endo,-endo-dimethanonaphthalene 1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo,endo-5,8-dimethanonaphthalene Endrex Hexadrin CAS: 72-20-8 SHA: 041601 CFR: 180.131	
	En yl	165
	Enide	395
	Enilconazole	497AB
	Enstar IGR	714AA
	ENT 27635	310A
	Entex	456F
	EP 316	271C
	EP 322	465A
	EP 452	648B
	EP 475	447AAA
	Epibloc	214A
	Epic	907B
424	Epichlorohydrin 1-Chloro-2,3-epoxypropane CAS: 106-89-8 SHA: 097201	

CASWELL#	CHEMICAL	X-REFERENCE
	EPN	454
424B	Epoxidized soybean oil	
424A	cis-7,8-Epoxy-2-methyloctadecane Disparlure CAS: 29804-22-6 SHA: 114301	
	Eptam	435
	Eptapur	207E
	EPTC	435
	ER-5461	271BB
	Eradex	720
425	Erbon (ANSI) 2-(2,4,5-Trichlorophenoxy)ethyl-2,2-dichloropropionate Baron Novege CAS: 136-25-4 SHA: 028701 CFR: 180.271	
425AB	Erythrosine B 2',4',5',7'-Tetraiodofluorescein, disodium salt 3',6-Dihydroxy-2',4',5',7'-tetraiodospiro[isobenzo-furan-1(3H),9'[9H]xanthen]-one, disodium salt FD&C Red CAS: 16423-68-0 SHA: 120901	
	ESA	454
	Esbiol	025A

CASWELL#	CHEMICAL	X-REFERENCE
	Esbiothrin	025A
425A	Essential Oils CAS: 8008-57-9 SHA: 040501	
425B	Ester gum SHA: 067207	
	Esteron 245	881
	Etazine	125C
	Etem	481A
	Ethalfluralin	453B
	Ethanedial	471ABD
	Ethanedial dioxime	471AA
425C	1,2-Ethanediamine ethoxylate	
	Ethanol	430
426	Ethanolamine CAS: 141-43-5 SHA: 011601	
	Ethazole	428
426A	Ethephon (ANSI) 2-Chloroethyl)phosphonic acid Ethrel Bromeflor Cepha Cerone Floridex CAS: 16672-87-0 SHA: 099801 CFR: 180.300	

CASWELL#	CHEMICAL	X-REFERENCE
	Ethide	313
	Ethidimuron	902C
	Ethiofencarb (ISO,BSI)	263AA
	Ethiolate	434AA
427	Ethion (ANSI) O,O,O',O'-Tetraethyl- S,S'-methylene bisphosphorodithioate S,S'-Methylene O,O,O',O'-tetraethylphosphorodithioate Nialate Vegfru fosmite NIA 1240 CAS: 563-12-2 SHA: 058401 CFR: 180.173	
	Ethirimol	128H
	Ethoate-methyl	431A
427M	Ethofenprox 2-(4-Ethoxyphenyl)-2-methylpropyl-3-phenoxybenzyl ether	
427BB	Ethofumesate (ANSI) 2-Ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate Nortron NC-8438 CAS: 26225-79-6 SHA: 110601	
	Ethoprop	434C
	Ethoprophos	434C
	3 [[Ethoxycarbonyl]amino]phenyl-3-methylphenylcarbamate	447AAB

CASWELL#	CHEMICAL	X-REFERENCE
	3-[(Ethoxycarbonyl)amino]phenyl phenylcarbamate	
427B	S-[α-(Ethoxycarbonyl)benzyl]-O,O-dimethyl phosphorodithioate Phenthoate (ANSI PROP) Ethyl-α-[(dimethoxyphosphinothioyl)-thio]benzeneacetate Bay 18510 Cidial TH-346-1 CAS: 2597-03-7 SHA: 104901	447AAA
	S-[[(Ethoxycarbonyl)methylcarbamoyl]methyl]-O,O-diethyl phosphorodithioate	
	2-Ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate	340
427C	S-[(5-Ethoxy-2,3-dihydro-2-oxo-1,3,4-thiazol-3-yl methyl)-O,O-dimethyl phosphorodithioate Lythidathion CAS: 2669-32-1 SHA: 427400	427BB
427D	6-Ethoxy-1,2-dihydro-2,2,4-trimethylquinoline (CA) Ethoxyquin (ISO) 1,2-Dihydro-6-ethoxy-2,2,4-trimethylquinoline Stop-Scald CAS: 91-53-2 SHA: 055501 CFR: 180.178	
427DD	1-Ethoxy-4-(1-[4-(1,1-dimethylethyl)phenyl]-2-nitrobutyl)-benzene CAS: 69815-48-1 SHA: 230400	
	α-Ethoxy-4,6-dinitro-o-cresol	
427DDD	2-[(2-Ethoxyethoxy)ethyl]-2-benzimidazolecarbamate CAS: 83601-82-5 SHA: 115001	427EE

CASWELL#	CHEMICAL	X-REFERENCE
427E	2-Ethoxyethyl p-methoxycinnamate CAS: 104-28-9 SHA: 076604	
	0-(6-Ethoxy-2-ethyl-4-pyrimidinyl)-0,0-dimethyl phosphorothioate	365AAA
	2-[1-(Ethoxyimino)butyl]-5-[2-(ethylsulfinyl)propyl]-3-hydroxy-2-cyclohexen-1-one	528E
	2-[1-(Ethoxyimino)butyl]-5-[2-(ethylsulfonyl)propyl]-3,5-dihydroxy-2-cyclohexen-1-one	584E
	2-[1-(Ethoxyimino)butyl]-5-[2-(ethylsulfonyl)propyl]-3-hydroxy-2-cyclohexen-1-one	528F
	2-[(1-Ethoxyimino)butyl]-5-[(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one	072A
427AA	0-(6-Ethoxy-2-isopropyl-4-pyrimidinyl)-0,0-diethyl phosphorothioate	
427H	Ethoxylated alcohols	
427J	Ethoxylated fatty acid amines	
427I	Ethoxylated fatty acids	
	Ethoxylated isostearyl alcohol	678E
427A	Ethoxylated lanolin CAS: 61790-81-6 SHA: 031607	
427G	Ethoxylated lignosulfonic acid, sodium salt	
427L	Ethoxylated nonylphenol	
427K	Ethoxylated nonylphenol diethanolamine salt	
427EE	2-(Ethoxymethyl)-4,6-dinitrophenol Etinofen (ISO,BSI) α-Ethoxy-4,6-dinitro-o-cresol CAS: 2544-94-7 SHA: 427600	

CASWELL#	CHEMICAL	X-REFERENCE
	2-Ethoxy-2-oxoethyl-5-(2-chloro-4-(trifluoromethyl))phenoxy-2-nitrobenzoate	723I
	2-(4-Ethoxyphenyl)-2-methylpropyl-3-phenoxybenzyl ether	427M
427F	(3 Ethoxypropyl)mercury bromide CAS: 6012-84-6 SHA: 427700	
	Ethoxyquin	427D
428	5-Ethoxy-3-(trichloromethyl)-1,2,4-thiadiazole Terrazole Etridiazole (ISO PROP) Ethazole Truban CAS: 2593-15-9 SHA: 084701	
	Ethrel	426A
429	Ethyl acetate (CA) CAS: 141-78-6 SHA: 044003	
	N-2Ethyl-6-(1-acetoxyethyl)phenyl-2-(methylsulfonyl)acetamide	259J
430	Ethyl alcohol Ethanol CAS: 64-17-5 SHA: 001501	
430A	Ethyl-p-aminobenzoate (CA) Benzocaine CAS: 94-09-7 SHA: 097001	

CASWELL#	CHEMICAL	X-REFERENCE
430B	2-(Ethylamino)-4-(isopropylamino)-6-methoxy-s-triazine (CA) Atraton (ISO) Gesatamin G-32293 CAS: 1610-17-9 SHA: 080802	
431	2-(Ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine Ametryn (ANSI) Ametrex Crisatrine Evik G-34162 Geshpax CAS: 834-12-8 SHA: 080801 CFR: 180.258	
	Ethyl-N-benzoyl-N-(3-chloro-4-fluorophenyl)-alaninate	903G
431KA	Ethyl 2-(N-benzoyl-3,4-dichloroanilino) propionate Benzoylprop-ethyl (ISO,BSI) N-Benzoyl-N-(3,4-dichlorophenyl)alanine, ethyl ester CAS: 22212-55-1	
431E	S-Ethyl-N,N'-bis(chloroallyl)thiocarbamate SC 0058	
	2-Ethyl-2-butyl-1,3-propanediol	129
431A	S-[(Ethylcarbamoyl)methyl]-O,O-dimethylphosphorodithioate Ethoate-methyl (ISO) CAS: 116-01-8 SHA: 431200	

CASWELL#	CHEMICAL	X-REFERENCE
431C	Ethyl-2-[(4-(6-chloro-2-benzoxazolyloxy))-phenoxy]propionate Fenoxaprop-ethyl (ANSI) Whip HOE-046360 Fenoxoprop ethyl HOE 33171 CAS: 66441-23-4 SHA: 128701	
	S-Ethyl (4-chloro-2-methylphenoxy)ethanethioate	431F
431F	S-Ethyl [(4-chloro-o-tolyl)oxy]thioacetate MCPA thioethyl (ISO,BSI) S-Ethyl (4-chloro-2-methylphenoxy)ethanethioate (CA*)	
431B	N-Ethyl-o-crotonotoluide CAS: 483-63-6 SHA: 055701	
432A	S-Ethyl cyclohexylethylthiocarbamate Cycloate S-Ethyl-N-ethylcyclohexanecarbamothioate (CA*) Eurex R 2063 Ro-Neet CAS: 1134-23-2 SHA: 041301 CFR: 180.212	
436C	Ethyl-5-(1,1a,3,3a,5,5,5b,6-decachlorooctahydro-2-hydroxy-1,3,4-metheno-1H-cyclobuta[cd]pentalen-2-yl)levulinate Kelevan GS 9160 CAS: 4234-79-1	
	Ethyl dicapthon	335A

CASWELL#	CHEMICAL	X-REFERENCE
434	Ethyl-4,4'-dichlorobenzilate	
	Chlorobenzilate (ISO)	
	Acaraben	
	Benzilan	
	Folbex smokestrips	
	Akar	
	CAS: 510-15-6	
	SHA: 028801	
	CFR: 180.109	
434D	Ethyl 1-(2,4-Dichlorophenyl)-5-Trichloromethyl(1H)-1,2,4-Triazole-3-Carboxylate	
	HOE 070542	
434AA	S-Ethyl diethylthiocarbamate	
	Ethiolate (ANSI)	
	S 15076	
	CAS: 2941-55-1	
	SHA: 103701	
	CFR: 180.343	
434A	S-Ethyl diisobutylthiocarbamate	
	Sutan	
	R 1910	
	Butylate	
	CAS: 2008-41-5	
	SHA: 041405	
	CFR: 180.232	
	Ethyl-α-[(dimethoxyphosphinothioyl)-thio]benzeneacetate	427B
	7-Ethyl-1,5-dioxa-3-azabicyclooctane	086A
434B	O-Ethyl-S,S-diphenyl phosphorodithioate	
	Hinosan	
	Edifenphos (ISO,BSI)	
	CAS: 17109-49-8	
	SHA: 434300	

CASWELL#	CHEMICAL	X-REFERENCE
434C	O-Ethyl-S,S-dipropyl phosphorodithioate Ethoprop (ANSI) Ethoprophos (ISO,BSI) Phophos Mocap VC 9-104 Phosethoprop CAS: 13194-48-4 SHA: 041101 CFR: 180.262	
435	S-Ethyl dipropylthiocarbamate (CA) Eptam EPTC CAS: 759-94-4 SHA: 041401 CFR: 180.117	
431D	O-Ethyl-S,S-di-sec-butyl-phosphorodithioate FMC 67825 SHA: 128864	
436	Ethylene CAS: 74-85-1 SHA: 041901	
436A	N,N'-Ethylenebis(N,N'-dimethylthiuram disulfide) Tecoram (ISO,BSI) CAS: 5836-23-7 SHA: 436200	
	3,3'-Ethylenebis(tetrahydro-4,6-dimethyl-2H-1,3,5-thiazine-2-thione)	579C
436B	Ethylene chlorobromide 1-Bromo-2-chloroethane CAS: 107-04-0 SHA: 042001	

CASWELL#	CHEMICAL	X-REFERENCE
437	Ethylenediamine Algicide 106L Amerstat 274 CAS: 107-15-3 SHA: 004205	
437A	Ethylenediamine dihydroiodide Dihydriodide CAS: 5700-49-2	
438	Ethylenediaminetetraacetic acid Ethylene diamine tetraacetic acid EDTA Hampene Ethylenedinitrilotetraacetic acid Versene CAS: 60-00-4 SHA: 039101	
438AA	Ethylenediaminetetraacetic acid, disodium salt CAS: 139-33-3	
438A	Ethylenediaminetetraacetic acid, ethanolamine salt CAS: 7379-26-2 SHA: 039117	
438B	Ethylenediaminetetraacetic acid, potassium salt CAS: 53404-51-6 SHA: 039111	
438C	Ethylenediaminetetraacetic acid, sodium salt Sodium edetate CAS: 17421-79-3 SHA: 039103	
438D	Ethylenediaminetetraacetic acid, tetramonoethanolamine salt CAS: 53404-52-7	

CASWELL#	CHEMICAL	X-REFERENCE
	Ethylenediaminetetraacetic acid, tetrasodium salt	846
438E	Ethylenediaminetetraacetic acid, tripotassium salt CAS: 17572-97-3	
438F	Ethylenediaminetetraacetic acid, trisodium salt CAS: 150-38-9	
439	Ethylene dibromide EDB 1,2-Dibromoethane Bromofume Dowfume W-85 Pestmaster EDB-85 Soilbrom-85 CAS: 106-93-4 SHA: 042002 CFR: 180.397	
440	Ethylene dichloride EDC 1,2-Dichloroethane CAS: 107-06-2 SHA: 042003	
	Ethylenedinitrilotetraacetic acid	438
	1,1'-Ethylene-2,2'-dipyridylium dibromide	402
441	Ethylene glycol CAS: 107-21-1 SHA: 042203	
441A	Ethylene glycol bis(trichloroacetate) Glytac EGT CAS: 2514-53-6 SHA: 042201	

CASWELL#	CHEMICAL	X-REFERENCE
	Ethylene glycol, monobutyl ether	121
	Ethylene glycol, monomethyl ether	551
443	Ethylene oxide CAS: 75-21-8 SHA: 042301 CFR: 180.151	
443AA	Ethylene thiourea ETU	
443B	Ethylene vinyl acetate	
	S-Ethyl-N-ethylcyclohexanecarbamothioate	432A
443A	Ethyl formate CAS: 109-94-4 SHA: 043102	
	Ethyl guthion	344
	1-Ethyl-2-(8-heptadecenyl)-1-(2-hydroxyethyl)-2-imidazolinium bromide	474A
	Ethyl hexadecyl dimethyl ammonium bromide	165E
	4-Ethyl-4-hexadecylmorpholinium ethyl sulfate	165F
444	S-Ethyl hexahydro-1H-azepine-1-carbothioate (CA) Ordram Molinate (ISO,BSI) R 4572 Hydram CAS: 2212-67-1 SHA: 041402 CFR: 180.228	

CASWELL#	CHEMICAL	X-REFERENCE
445	2-Ethyl-1,3-hexanediol (CA) Rutgers 612 CAS: 94-96-2 SHA: 041001	
446	2-Ethylhexanoate salt of magnesium 8-quinolinolate CAS: 12379-46-3 SHA: 024004	
	N-2-Ethylhexyl bicycloheptenedicarboximide	613
446C	2-Ethylhexyl sebacate Dioctyl sebacate	
446B	Ethyl hydrogen 1-propylphosphonate NIA 10637	
447	Ethyl-p-hydroxybenzoate Ethyl paraben CAS: 120-47-8 SHA: 061202	
447AAA	Ethyl-m-hydroxycarbanilate ester Desmidipham (ANSI) 3-[(Ethoxycarbonyl)amino]phenyl phenylcarbamate EP 475 SN 475 SN 38170 Betanex CAS: 13684-56-5 SHA: 104801 CFR: 180.353	
447AAB	Ethyl-m-hydroxycarbanilate-m-methylcarbanilate Phenmedipham-ethyl (ISO,BSI) 3-[[Ethoxycarbonyl]amino]phenyl-3-methylphenylcarbamate CAS: 13684-44-1 SHA: 447400	

CASWELL#	CHEMICAL	X-REFERENCE
447AA	Ethyl-4-hydroxy-6,7-diisobutoxy-3-quinolinecarboxylate	
	Bonaid	
	Buquinolate	
	CAS: 5486-03-3	
	SHA: 444100	
447D	N-[2-Ethyl-6-(1-hydroxyethyl)phenyl]-N-methoxymethyl-2-(methylsulfonyl)acetamide	
	CP 1 1394	
	N-2-Ethyl-6-(1-hydroxyethyl)phenyl-2-(methylsulfonyl)acetamide	259K
	Ethyl-2-hydroxy-5-methylpyrazo[1,5-a]pyrimidine-6-carboxylate-O-ester with O,O-diethylphosphorothioate	714D
447C	Ethyl-N- -Hydroxyphenylcarbamate	
	4-[(1-Ethyl-2-hydroxypropyl)amino]-3,5-dinitro-o-toluic acid	223A
	4-[(1-Ethyl-3-hydroxypropyl)amino]-3,5-dinitro-o-toluic acid	223B
447AB	O-Ethyl-O-(2-isopropoxycarbonyl)phenyl isopropylphosphoramidothioate	
	1-Methylethyl-2-[[ethoxy[(1-methylethyl)amino]phosphinothioyl]oxy]benzoate	
	Isopropyl salicylate ester & O-ethyl isopropylphosphoramidothioate	
	Amaze	
	Isofenphos (ISO,BSI)	
	Oftanol	
	Bay 2114	
	SRA 28691	
	CAS: 25311-71-1	
	SHA: 109401	
	Ethyl-6-isopropyl-1,1,4-trimethyl-5-indanyl ketone	512C
	D-N-Ethyllactamide carbanilate	159B
447A	Ethylmercury acetate	
	CAS: 109-62-6	
	SHA: 041502	

CASWELL#	CHEMICAL	X-REFERENCE
447B	Ethylmercury bromide CAS: 107-26-6 SHA: 447300	
448	Ethylmercury chloride Ceresan CAS: 107-27-7 SHA: 041503	
449	Ethylmercury 2,3-dihydroxypropyl-mercaptide CAS: 2597-92-4 SHA: 041507	
451	Ethylmercury pentachlorophenate CAS: 22232-28-6 SHA: 041504	
452	Ethylmercury phosphate CAS: 2235-25-8 SHA: 041505	
453	N-(Ethylmercury)-p-toluenesulfonanilide CAS: 517-16-8 SHA: 041506	
	N-Ethyl-6-methoxy-N'-(1-methylpropyl)-1,3,5-triazine-2,4-diamine	125C
	5-Ethyl (E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienethioate	896J
	7-Ethyl-5-methyl-6,8-dioxabicyclo-(3.2.1)-octane	109C
	Ethylmethyl hydantoin	568E
452G	Ethyl-3-methyl-4-(methylsulfinyl)phenyl-(1-methylethyl)phosphoramidate Nemacur sulfoxide	
452H	Ethyl-3-methyl-4-(methylsulfinyl)-phenyl phosphoramidate	

CASWELL#	CHEMICAL	X-REFERENCE
452F	Ethyl-3-methyl-4-(methylsulfonyl)phenyl)phenyl-(1-methylethyl)phosphoramidate	
	Ethyl-3-methyl-4-(methylthio)phenyl (1-methylethyl)phosphoramidate	453A
453B	N-Ethyl-N-(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine Ethalfluralin (ANSI) Compound 94961 EL 161 Sonalan CAS: 55283-68-6 SHA: 113101 CFR: 180.416	
	N-[3-(1-Ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide	419F
452B	O-Ethyl-O-[4-(methylsulfinyl)phenyl]-s-propyl phosphorodithioate	
452A	O-Ethyl-O-[4-(methylsulfinyl)phenyl]-s-propyl phosphorothioate	
452C	O-Ethyl-O-[4-(methylsulfonyl)phenyl]-s-propyl phosphorodithioate	
452D	O-Ethyl-O-[4-(methylsulfonyl)phenyl]-s-propyl phosphorothioate	
452E	Ethyl-[O [4-(methylthio)phenyl]]-s-propylphosphorothioate CAS: 38527-90-1 SHA: 219900	
453AA	O-Ethyl-O-[4-(methylthio)phenyl] S-propylphosphorodithioate Merpafos (ISO PROP) Bay NTN 9306 Bolstar Sulprofos CAS: 35400-43-2 SHA: 111501	

CASWELL#	CHEMICAL	X-REFERENCE
453A	Ethyl-4-(methylthio)-m-tolyl-isopropyl phosphoramidate (CA) Ethyl-3-methyl-4-(methylthio)phenyl (1-methylethyl)phosphoramidate (CA*) Fenamiphos (ISO,BSI) Nemacur Bay 68138 CAS: 22224-92-6 SHA: 100601 CFR: 180.349	
	Ethyl-2-nitro-5-(2-chloro-4-trifluoromethylphenoxy)benzoate	007B
454	O-Ethyl-O (p-nitrophenyl)-phenylphosphonothioate (CA) EPN ESA MAPJ CAS: 2104-64-5 SHA: 041801 CFR: 180.119	
	4,4'-(2-Ethyl-2-nitrotrimethylene)dimorpholine	601A
	Ethyl O-benzoyl-3-chloro-2,6-dimethoxybenzohydroximate	188GG
454D	O-Ethyl O-8-quinolinyl phenylphosphonothioate Quintiofos (ISO,BSI) CAS: 1776-83-6	
	Ethyl paraben	447
	Ethyl parathion	637
454E	N-Ethyl perfluorooctane sulfonamide GX-071	
	Ethyl-[2-(p-phenoxyphenoxy)ethyl]carbamate	652C

CASWELL#	CHEMICAL	X-REFERENCE
454B	O-Ethyl-S-phenyl ethylphosphonodithioate	
	Dyfonate	
	Fonofos (ISO,BSI)	
	N-2788	
	CAS: 944-22-9	
	SHA: 041701	
	CFR: 180.221	
455C	4[(1-Ethylpropyl)amino]-3,5-dinitro-o-toluic acid	
	CL 99,900	
	4-Carboxylic acid	
	4[(1-Ethylpropyl)amino]-2-methyl-3,5-dinitrobenzyl alcohol	224A
	O-Ethyl-S-N-propyl-O-(2,4-dichlorophenyl)-thionothiol phosphoric acid	714H
454BB	N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine	
	Pendimethalin (ANSI)	
	N-(1-Ethylpropyl)-2,6-dinitro-3,4-xylidine	
	Prowl	
	AC 92,553	
	Herbadox	
	Penoxalin	
	CL 94,269	
	CAS: 40487-42-1	
	SHA: 108501	
	CFR: 180.361	
	N-(1-Ethylpropyl)-2,6-dinitroso-3,4-xylidine	224B
	N-(1-Ethylpropyl)-2,6-dinitro-3,4-xylidine	454BB

CASWELL#	CHEMICAL	X-REFERENCE
454C	m-(1-Ethylpropyl)phenyl methylcarbamate and M-(1-methylbutyl)phenylmethylcarbamate 1:3 ratio Bufencarb (ANSI) RE 5353 Bux Compound 5353 Metalkamate CAS: 2282-34-0 SHA: 059302 CFR: 180.255	
	O-Ethyl S-propyl O-(2,4,6-trichlorophenyl)phosphorothioate	888D
455	S-[2-(Ethylsulfinyl)ethyl]-O,O-dimethylphosphorothioate (CA) Oxydemeton-methyl (ISO) O,O-Dimethyl-S-[2-ethylsulfinyl)ethyl] phosphorothioate Metasystox R CAS: 301-12-2 SHA: 058702 CFR: 180.330	
	6-[2-(Ethylsulfinyl)propyl]-6,7-dihydro-2-propyl-4-(5H)-benzoxazolone	530C
455A	S-[2-(Ethylsulfonyl)ethyl]-O,O-dimethylphosphorothioate Dioxydemeton-S-methyl Demeton-S-methylsulfone	
	6-[2-(Ethylsulfonyl)propyl]-6,7-dihydro-2-propyl-4-(5H)-benoxazolone	530D
	N-[5-(Ethylsulfonyl)-1,3,4-thiazol]-N,N'-dimethylurea	902C
456AA	2-(Ethylthio)-4,6-bis(isopropylamino)-s-triazine Dipropetryn (ANSI) GS 16068 Sancap CAS: 4147-51-7 SHA: 104401 CFR: 180.329	

CASWELL#	CHEMICAL	X-REFERENCE
455B	S-[2-(Ethylthio)ethyl]-0,0-dimethyl phosphorodithioate Thiometon (ISO) Bay 21/116 Ekatin CAS: 640-15-3 SHA: 456300	
456	0-[2-(Ethylthio)ethyl]-0,0-dimethylphosphorothioate S-[2-(Ethylthio)ethyl]-0,0-dimethylphosphorothioate (CA) Methyl demeton Metasystox Demeton-O-methyl Demeton-S-methyl CAS: 8022-00-2 SHA: 058701	
	S-[2-(Ethylthio)ethyl]-0,0-dimethylphosphorothioate	456
	2-[(Ethylthio)methyl]phenyl methylcarbamate	263AA
	6-[2-(Ethylthio)propyl]-6,7-dihydro-2-propyl-4(5H)-benzoxazolone	530B
	α-Ethylthio)-o-tolyl methylcarbamate	263AA
	4'-(Ethylthio)-alpha,alpha,alpha-trifluoromethanesulfono-o-toluidine	080B
	N-[4-(Ethylthio)-2-(trifluoromethyl)phenyl]methanesulfonamide	080B
456I	Ethyltrichlorfon 0,0-Diethyl-(1-hydroxy-2,2,2-trichoroethyl)phosphonate	
456A	O-Ethyl-O-(2,4,5-trichlorophenyl) ethylphosphonothioate Agritox Trichloronat (ISO) Bay 37289 CAS: 327-98-0 SHA: 456200	

CASWELL#	CHEMICAL	X-REFERENCE
456H	Ethyl-(E,E)-3,7,11-Trimethyl-2,4-dodecadienoate Hydroprene (ANSI) CAS: 41096-46-2 SHA: 486300	
	Ethyl xanthogen disulfide	338
	Etinofen	427EE
456DD	E-4-Tridecenyl acetate CAS: 72269-48-8 SHA: 121902	
	Etridiazole	428
	Etrimfos	365AAA
	Etrimphos	365AAA
	Etrofolan	512B
	ETU	443AA
456CC	Eucalyptol	
456BC	Eugenol CAS: 97-53-0 SHA: 102701	
	Eugenol, methyl ether	579AB
	Eulan CN	183C
	Eulan U-33	883A
	Euparen	297A
	Eurapen N	309AB

CASWELL#	CHEMICAL	X-REFERENCE
	Eurex	432A
	European Pine Sawfly NPV	607AD
456G	Europium chloride	
	Evik	431
	Evisect	853F
	Evital	195AA
	EXD	338
	Exitlure	609AB
	Exothion	422
	Express	419S
456CD	E,Z-3,13-Octadecadien-1-ol acetate CAS: 53120-27-7 SHA: 117202	
	E Z Off	530A
	E Z-Off D	864
	F 461	627A
	Facet	325A
	Fall	753
	Falodin	897
	Falone	897

CASWELL#	CHEMICAL	X-REFERENCE
	Fenid	393A
456D	Famphur (FDA) O,O-Dimethyl-O-[p-(dimethylsulfamoyl)phenyl]phosphorothioate [O-[4-[(Dimethylamino)sulfonyl]phenyl]-O,O-dimethyl]phosphorothioate CAS: 52-85-7 SHA: 059901 CFR: 180.233	
	Far-Go	370A
456J	Farnesol 3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol	
568C	Fatty acids, methyl esters CAS: 67762-39-4 SHA: 079034	
456K	Fatty acids-saturated	
456EA	Fatty alcohols (0.4% C6, 45.1% C8, 54.5% C10)	
456E	Fatty alcohols (0.5% C6, 42% C8, 56% C10, 1.5% C12) CAS: 68603-15-6 SHA: 079029	
	FCR-1272	266E
456EE	FD&C blue #1	
273E	FD&C Green #6	
	FD&C Red	425AB
273D	FD&C Red #17	
273B	FD&C Red #30	

CASWELL#	CHEMICAL	X-REFERENCE
273C	FD&C Violet #2	
273J	FD & C Yellow #6	
273K	FD & C Yellow #6 Lake CAS: 104-23-4	
	Fenac	
	Fenaminosulf	882
	Fenamiphos	359B
456EF	Fenapanil (ANSI) α-Butyl-α-phenyl-1H-imidazole-1-propanenitrile (9CI) CAS: 61019-78-1	453A
	Fenarimol	
	Fenazaflor	207AA
	Fence Rider	654A
	Fenchlorphos	881
	Fenethacarb	724
	Fenfuroxam	344F
	Fenitrothion	549BB
	Fenoprop (ISO)	373
	Fenoxaprop-ethyl	739
	Fenoxycarb	431C
		652C

CASWELL#	CHEMICAL	X-REFERENCE
456L	Fenpirithrin (ANSI) Cyano(6-phenoxy-2-pyridinyl)methyl-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane carboxylate	
	Fenpropathrin	273H
	Fenridazon	723J
	Fenson	207
	Fensulfothion	343
456F	Fenthion (FDA) O,O-Dimethyl-O-[4-(methylthio)-m-tolyl]phosphorothioate (CA) O,O-Dimethyl-O-[3-methyl-4-(methylthio)phenyl]phosphorothioate (CA*) Baytex Queletox Entex Bay 29493 Mercaptophos CAS: 55-38-9 SHA: 053301 CFR: 180.214	
	Fentichlor	851
	Fenticlor	851
	Fentin acetate	896C
	Fentin chloride	896D
	Fentin hydroxide	896E
	Fentrifanil	217AB
457	Fenuron (ANSI) 3-Phenyl-1,1-dimethylurea 1,1-Dimethyl-3-phenylurea (CA) CAS: 101-42-8 SHA: 035507	

CASWELL#	CHEMICAL	X-REFERENCE
	Fenuron TCA	655
	Fenvalerate	077A
458	Ferbam (ANSI) Ferric dimethyl dithiocarbamate Tris(dimethyldithiocarbamato)iron (CA) Fermate CAS: 14484-64-1 SHA: 034801 CFR: 180.114	
	Fermate	458
	Ferriamicide	411
459	Ferric chloride CAS: 7705-08-0 SHA: 034901	
	Ferric dimethyl dithiocarbamate	458
459A	Ferric salt of 2-mercaptobenzothiazole 2-Mercaptobenzothiazole, ferric salt CAS: 53404-53-8 SHA: 051708	
459AB	Ferric sulfate CAS: 10028-22-5	
459B	Ferrous ammonium sulfate hexahydrate CAS: 10045-89-3 SHA: 050506	
460	Ferrous sulfate heptahydrate CAS: 7782-63-0 SHA: 050502	

CASWELL#	CHEMICAL	X-REFERENCE
	Fervin	025AA
	Ficam	360B
460AA	Fish oil CAS: 8016-13-5	
	Flagyl	579AA
	Flamprop-m-methyl	903D
	Flamprop methyl	903E
	Flex	464A
	Floraltone	890A
	Floridex	426A
460C	Fluazifop-butyl (ANSI) (+-)-Butyl-2-[4[[(5-trifluoro-methyl)-2-pyridinyl]oxy]phenoxy]propanoate Fusilade CAS: 69806-50-4 SHA: 122805 CFR; 180.411	
460B	Fluchloralin (ANSI) N-(2-Chloroethyl)-a,a,a-trifluoro-2,6-dinitro-N-propyl-p-toluidine N-(2-Chloroethyl)-2,6-dinitro-4-trifluoromethyl benzenamine (CA*) Basalin CAS: 33245-39-5 SHA: 108701 CFR: 180.363	
460D	Flucycloxuron 1-[4-[N(4-Chloro-alpha-cyclopropylbenzylidene)amino-oxymethyl]phenyl]-3-(2,6-difluoro-benzoyl)urea PH-70-23	

CASWELL#	CHEMICAL	X-REFERENCE
	Flucythrinate	002AA
	Fluenethyl	462A
	Fluenetil	462A
	Fluenyl	462A
	Flufenprop-isopropyl	510BA
	Flumezin	578C
460A	Fluometuron (ANSI) 1,1-Dimethyl-3-(α,α,α-trifluoro-m-tolyl)urea 3-[m-(Trifluoromethyl)phenyl]-1,1-dimethylurea Lanex C 2059 Cotoran CAS: 2164-17-2 SHA: 035503 CFR: 180.229	
	Fluorbenside	183B
	Fluoridamid	889B
462	Fluoroacetic acid CAS: 144-49-0 SHA: 075001	
462AA	Fluorodifen (ANSI) p-Nitrophenyl-α,α,α-trifluoro-2-nitro-p-tolyl ether 4-(Trifluoromethyl)-2,4'-dinitrodiphenyl ether C 6989 Preforan CAS: 15457-05-3 SHA: 085001 CFR: 180.290	

CASWELL#	CHEMICAL	X-REFERENCE
462A	2-Fluoroethyl 4-biphenylacetate	
	Fluenetil (ISO)	
	Mytrol	
	Lambrol	
	Fluenethyl	
	Fluenyl	
	M 2060	
	CAS: 4301-50-2	
	SHA: 462200	
462B	Fluorofluvalinate	
	α-Cyano-3-phenoxybenzyl-2-[2-fluoro-4-(trifluoro-methyl)-anilino-3-methylbutanoate	
	ZR-3209	
462C	Fluoroglycofen (ANSI)	
	Carboxymethyl-5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate	
	CAS: 77501-60-1	
	Fluoroglycofen ethyl ester	723I
	Fluoromidine	217AA
	Fluoronitrofen	309AC
	Fluorophene	290
	(RS)-1-(2-Fluorophenyl)-1-(4-fluorophenyl)-2-(1,2,4-triazol-1-yl) ethanol	463K
463	Fluosilicic acid	
	Hydrofluosilicic acid	
	CAS: 16961-83-4	
	SHA: 075305	
	Flurecol	130B
	Flurenol	130B

CASWELL#	CHEMICAL	X-REFERENCE
130C	Fluridone (ANSI) 1-Methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1H)-pyridinone EL 171 CAS: 59756-60-4 SHA: 112900	
	Flurprimidol	266D
463N	Flutolanil Trifluoro-3'-isopropoxy-o-toluanilide CAS: 6632-96-5	
463K	Flutriafol (RS)-2,4-Difluoro-α-(1H-1,2,4-triazol-1-yl methyl)benzyhydryl alcohol (RS)-1-(2-Fluorophenyl)-1-(4-fluorophenyl)-2-(1,2,4-triazol-1-yl) ethanol Impact CAS: 76674-21-0	
463J	Fluvalamide (RS)-α-Carbamyl-3-phenoxybenzyl-(R)-2-chloro-4-(trifluoromethyl)-anilino-3-methylbutanoate	
	Fluvalinate	934
463G	FMC 1180 7-Amino-2,3-dihydro-2,2-dimethylbenzofuran	
	FMC 57091	183L
463H	FMC 10279 2,3-Dihydro-2,2-dimethyl-7-nitrobenzofuran	
463A	FMC 25213 SHA: 025213	
	FMC 33297	652BB

CASWELL#	CHEMICAL	X-REFERENCE
463C	FMC 35001 2,3-Dihydro-2,2-dimethyl-7-benzofuranyl-[(dibutylamino)thio]methylcarbamate Carbosulfan (ANSI) Advantage Marshall CAS: 55285-14-8 SHA: 090602	
463B	FMC 45498 NRDC 16 α-Cyano-3-phenoxybenzyl-3-(2,2-dibromovinyl)-2,2-dimethyl cyclopropanecarboxylate Decamethrin Synthetic pyrethrins Decis RU 22974 Deltamethrin CAS: 52820-00-5 SHA: 209400	
463F	FMC 54800 Cyclopropanecarboxylic acid, 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-2-methyl[1,1'-biphenyl]-3-yl methyl ester Biphenthrin (ANSI) CAS: 82657-04-3 SHA: 128825	
463D	FMC 57020 2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxadinone Clomazone (ANSI) Command Dimethazone Isoxazolidinone CAS: 81777-89-1	
463I	FMC 57090 Hydroxamic acid	
	FMC 65361	214C

CASWELL#	CHEMICAL	X-REFERENCE
	FMC 67825	431D
463M	Foam Burst 338	
463L	Foam Burst 444	
	FOE 3440	893E
	Folbex smokestrips	434
	Folcid	828
	Folex	865
463E	Folic acid	
463P	Folicur alpha[2-(4-Chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol Terbuconazole	
	Folidol M	372
	Folithion	373
	Folosan	831
464	Folpet (ANSI) N-[(Trichloromethyl)thio]phthalimide Phaltan Thiophal CAS: 133-07-3 SHA: 081601 CFR: 180.191	
464A	Fomesafen (ANSI) Flex PP 021 CAS: 72128-02-0 SHA: 123802	

CASWELL#	CHEMICAL	X-REFERENCE
	Fonofos	454B
465	Formaldehyde Odix (part, see casw 471ABD) CAS: 50-00-0 SHA: 043001	
465J	Formaldehyde-Oxirane polymers CAS: 5845-06-2	
465H	Formalin (37-50%)	
465L	Formanilide 2-Chloro-4-(trifluoromethyl)-formanilide	
465A	Formetanate (ANSI) m-[[(Dimethylamino)methylene]amino]phenylmethylcarbamate Carzo EP 32 CAS: 2259-30-9 SHA: 465200	
465B	Formetanate hydrochloride m-[[(Dimethylamino)methylene]amino]phenylmethylcarbamate hydrochloride Carzol Sp CAS: 23422-53-9 SHA: 097301 CFR: 180.276	
	Formothion (ISO)	366C
	Formparanate	359DD
465K	N-Formyl-4-chloro-o-toluidine	
	S-[2-(Formylmethylamino)-2-oxoethyl]-O,O-dimethylphosphorodithioate	366C
	Forstan	576

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CASWELL#	CHEMICAL	X-REFERENCE
	Fortress	663P
	Forturf	215B
465G	Fosamine ammonium (ANSI)	
	Ammonium ethyl hydrogen (aminocarbonyl) phosphonate	
	Ammonium ethyl carbamoyl phosphonate	
	Krenite	
	DPX 1108	
	CAS: 25954-13-6	
	SHA: 106701	
	Fosetyl-Aluminum	012B
	Fos-Fall "A"	864
465CC	Fospirate (ANSI)	
	Dimethyl-3,5,6-trichloro-2-pyridyl phosphate	
	Dowco 217	
	Torelle	
	CAS: 5598-52-7	
	SHA: 103501	
	Fosthietan	268BB
	Freon 12	304
	Freon 22	482I
	Freon-152A	348A
	Frescon	898A
	Frontalin	363B
	Frontalure Southern Pine Beetle Attractant (contains α-pinene)	363B
	Frucote	125

CASWELL#	CHEMICAL	X-REFERENCE
	Fruitone N	589
	Fruitone T	739
	Fuberidazole	465D
	Fujithion	207A
	Fuklasin	931
465E	Fumaric acid CAS: 110-17-8 SHA: 051201	
	Fumarin	005
	Fumazone	287
465I	Fumigant SHA: 016400 CFR: 193.225	
	Fumite	831
	Fundal EC	174A
	Fundal SP	174B
	Funginex	890AA
	Fungo	375A
	Furadan	160A
	Furanil	571
465M	Furazolidone 3-(5-Nitrofurfurylideneamino)-2-oxazolidinone CAS: 67-45-8	

CASWELL#	CHEMICAL	X-REFERENCE
	Furcarbanil	366H
	Furethrin	465F
466	Furfural CAS: 98-01-1 SHA: 043301	
	DL-3-(2-Furfuryl)-4-hydroxy-2-methyl-2-cyclopenten-1-one, DL-cis-trans-chrysanthemum monocarboxylic acid ester	465F
465F	3-(2-Furfuryl)-2-methyl-4-oxo-2-cyclopenten-1-yl-2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate Furethrin DL-3-(2-Furfuryl)-4-hydroxy-2-methyl-2-cyclopenten-1-one, DL-cis-trans-chrysanthemum monocarboxylic acid ester CAS: 17080-02-3 SHA: 466300	
	Furidazol	465D
	Furmecyclox	907B
465H	Furophanate (ANSI) Methyl-[[[2-[(2-furanylmethylene)amino]phenyl]amino]thioxomethyl]carbamate Methyl-4-[o-(furfurylideneamino)phenyl]-3-thioallophanate Thyfural RH 3928	
	Furoxam	549BB
465D	2-(2-Furyl)benzimidazole Fuberidazole (ISO) Furidazol Voronit special Bay 33172	
	Fusarex	831
466A	Fusarium	

CASWELL#	CHEMICAL	X-REFERENCE
	Fusilade	460C
	G-4	563
	G-11	566
	G-22008	574A
	G-22870	496B
	G-24163	511B
	G-28279	033F
	G-30028	184
	G-31435	096
	G-32293	430B
	G-34161	097
	G-34162	431
	G-36393	509A
471AC	Galben N-(2,6-Dimethylphenyl)-N-(phenylacetyl)-DL-alanine, methyl ester Benalaxyl M 9834 CAS: 71626-11-4 SHA: 127001	
	Galecron	174A
	Galecron SP	174B
	Galltrol-A	010A

CASWELL#	CHEMICAL	X-REFERENCE
	Gana	888D
	Gardol	778B
	Gardona	217A
	Gardoprim	125B
466B	Garlic Extract CAS: 8000-78-0	
	Garlon	882I
	Garrathion	165
	GC 3707	367
	GC 6506	370
471F	Generol 122	
471E	Generol 122 ethoxylates	
	Genite 923	322
	Genitox	308
	Gentian Violet	576A
471ABA	Geranyl acetate	
	Gesafram	096
	Gesagard	097
	Gesamil	184
	Gesaprim	063

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CASWELL#	CHEMICAL	X-REFERENCE
	Gesapun	740
	Gesaran	509A
	Gesatamin	430B
	Geshpax	431
	Gibberellic acid	467
467	Gibberellins (CA) Gibberellic acid CAS: 77-06-5 SHA: 043801 CFR: 180.224	
	Giv-cide BNS	116B
	Giv-gard	116B
	Giv-gard IPE	655E
	Glean	194AA
467B	Gliocladium virens	
467AB	Gluconic acid CAS: 526-95-4	
	Glufosinate	580I
468B	Glutamic acid CAS: 56-80-0	
467A	Glutamine	
468	Glutaraldehyde (CA) 1,5-Pentanedial Odix CAS: 111-30-8 SHA: 043901	

CASWELL#	CHEMICAL	X-REFERENCE
468A	Glutarimide	
	Glycerine	469
469	Glycerol (CA) Glycerine CAS: 56-81-5 SHA: 063507	
469A	Glycerol oleate 1,2,3-Propanetriol 1-(E)-9-octadecenoate (9CI) 2,3-Dihydroxypropyl oleate (8CI)	
469B	Glyceryl p-aminobenzoate 1,2,3-Propanetriol 1-(4-aminobenzoate) (9CI) p-Aminobenzoic acid, monoglyceryl ester (8CI) Dihydroxy-propyl-p-aminobenzoate Sunscreen CAS: 136-44-7	
471ABC	Glycidyl ethers	
470D	Glycine Aminoacetic acid	
470	Glycolic acid (CA) Hydroxyacetic acid CAS: 79-14-1 SHA: 000101	
470B	Glycolic acid, potassium salt CAS: 1932-50-9	
470C	Glycolic acid, sodium salt CAS: 2836-32-0	

CASWELL#	CHEMICAL	X-REFERENCE
470A	Glycophene	
	1-Isopropylcarbamoyl-3-(3,5-dichloro-phenyl)hydantoin	
	3-(3,5-Dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide	
	Chipco 26019	
	Iprodione (ANSI)	
	Rovral	
	RP 26019	
	Anfor	
	CAS: 36734-19-7	
	SHA: 109801	
	CFR: 180.399	
	Glycoserve-DMDMH	273AB
471	Glyodin (ANSI)	
	2-Heptadecyl-2-imidazoline acetate	
	Crag 341	
	Glyoxide	
	CAS: 556-22-9	
	SHA: 043601	
	CFR: 180.124	
471ABD	Glyoxal	
	Ethanedial	
	Odix (part, see casw 465)	
	CAS: 107-22-2	
471AA	Glyoxal-dioxime	
	Pik-off	
	Ethanedial dioxime	
	CGA 22,911	
	CAS: 557-30-2	
	SHA: 025300	
	Glyoxide	471
	Glyphosate	661A

CASWELL#	CHEMICAL	X-REFERENCE
471AAB	Glyphosate, isopropylamine salt N-(Phosphonomethyl)glycine, isopropylamine salt CP 70139 Round-up CAS: 38641-94-0 SHA: 103601 CFR: 180.364	
471ABB	Glyphosate, sodium salt N-(Phosphonomethyl)glycine, sodium salt MON 8000 Polado CAS: 34494-24-8	
471A	Glyphosine (ANSI) N,N-Bis(phosphonomethyl)glycine Polaris CP 41845 CAS: 2439-99-8 SHA: 103602 CFR: 180.354	
	Glytac	441A
	Goal	188AAA
	Gokilaht	725A
471G	Goodrite 3125	
	Gophacide	091A

CASWELL#	CHEMICAL	X-REFERENCE
471AAA	Gossyplure HF	
	(Z,E) 7,11-Hexadecadien-1-ol acetate	
	(Z,Z) 7,11-Hexadecadien-1-ol acetate	
	Hercon disrupt pink bollworm	
	Nomate PBW	
	Pherocon PBW	
	Pink bollworm pheromome	
	CAS: 3042-79-8	
	SHA: 114101	
	GR-9234	044AA
471AB	Grandlure (part, see casw 573ST)	
	(1R-cis)-1-Methyl-2-(1-methylethenyl)cyclobutane ethanol	
	E&Z-3,3-Dimethyl-1,α-cyclohexaneacetaldehyde	
	CAS: 6532-22-9	
	SHA: 112401	
	Granstand	528AA
	Granulated paper fiber	628E
471BB	Granulosis virus of the codling moth	
	CMGV-MX63	
471BC	Granulosis virus of the plodia interpunctella	
	GVPI	
471BD	Granulosis virus of the Western Grapeleaf Skeletonizer (WGS)	
471M	Grape pomace, dried	
	Grassip	025AA
	Grenade	271F
471B	Griseofulvin	
	7-Chloro-4,6-dimethoxycoumarin-3-one-2-spiro-1-(2'-methoxy-6'-methylcyclo-2'-en-4'-one)	
	CAS: 126-07-8	
	SHA: 471400	

CASWELL#	CHEMICAL	X-REFERENCE
	Grota	192BB
	Grotan	481C
	Grotan DF-35	192BB
	Grotan HD2	192BB
	GS 9160	436C
471J	GS 12956	
	GS 13005	378B
471I	GS 13007	
	GS 13528	125A
	GS 13529	125B
	GS 14260	125D
	GS 16068	456AA
465AA	GS-16608	
	GS 19851	511A
471K	GS 28369	
471L	GS 28370	
	GTA	471C
471N	Guanidine	
	Guanoctine	609A

CASWELL#	CHEMICAL	X-REFERENCE
471D	Guazatine Iminobis(octamethylene)diguanidine Pentaoctene (triacetate salt) CAS: 13516-27-3 SHA: 498200	
471C	Guazatine triacetate Iminobis(ocatmethylene)diguanidine 9-Aza-1,17-diguanidinoheptadecanetriacetate GTA CAS: 13516-27-3	
	Gusathion	374
	Guthion	374
	GVPI	471BC
	GX-071	454E
	Gypcheck	607AE
	Gypchek	675H
	HAG 107	861AA
	Halazone	326
	Halocrinate	114B
	Halog	487AB
	Haloxydine	304A
	Haloxyfop methyl	559E
471H	Haloxyfop, sodium salt	

CASWELL#	CHEMICAL	X-REFERENCE
	Halt	487AB
	Halts	673
	Hampene	438
	Hanane	843
	Hardwood Distillate	472
472	Hardwood Oil Hardwood Distillate SHA: 067202	
472AA	Harvade-5F (9CI) Dimethipin (ANSI) 2,3-Dihydro-5,6-dimethyl-1,4-dithiin-1,1,4,4-tetraoxide UNI-N252 UBI-N252 Oxydimethiin CAS: 55290-64-7 SHA: 118901 CFR: 180.406	
	Harven	278A
	5-HBC	079E
	HCA	476
	HCB	477
	HD ll	1928B
472A	Heavy aromatic naphtha CAS: 64742-94-5 SHA: 006602	

CASWELL#	CHEMICAL	X-REFERENCE
472B	Helione Orange CAS: 53466-67-4 SHA: 039503	
	Heliothis pheromone	472C
472C	Heliothis virescens (Z)-11-Hexadecenal Heliothis pheromone Hercon disrupt Virelure (part, see casw 934A) CAS: 53939-28-9 SHA: 120001	
473	Hellebore alkaloids CAS: 1399-70-8 SHA: 002001	
474	Heptachlor (ANSI) 1,4,5,6,7,8,8-Heptachlorotetrahydro-4,7-methanoindene (related compounds should be stated) CAS: 76-44-8 SHA: 044801 CFR: 180.104	
474F	Heptachlor epoxide	
	1,4,5,6,7,8,8-Heptachlorotetrahydro-4,7-methanoindene (related compounds should be stated)	474
474A	2-(8-Heptadecenyl)-1-ethyl-1-(2-hydroxyethyl)-2-imidazolinium bromide 1-Ethyl-2-(8-heptadecenyl)-1-(2-hydroxyethyl)-2-imidazolinium bromide CAS: 33395-67-4 SHA: 046610	
474B	1-(8-Heptadecenyl)-2-(2-hydroxyethyl)-2-imidazolinium chloride 1-(2-Hydroxyethyl)-2-(8-heptadecenyl)-2-imidazoline CAS: 53466-82-3 SHA: 046608	

CASWELL#	CHEMICAL	X-REFERENCE
474C	2-(8-Heptadecenyl)-2-imidazoline CAS: 53466-91-4 SHA: 046611	
474CC	2-(8-Heptadecenyl)-2-imidazolinium chloride CAS: 82078-98-6	
474DD	2-Heptadecyl-1-(2-hydroxyethyl)-2-imidazoline	
474D	2-Heptadecyl-1-(2-hydroxyethyl)-2-imidazolinium chloride CAS: 53466-92-5 SHA: 046607	
474E	2-Heptadecyl-2-imidazoline CAS: 105-28-2 SHA: 043603	
	2-Heptadecyl-2-imidazoline acetate	471
475	2-Heptadecyl-1-methyl-1-[2-(stearoylamido)ethyl]-2-imidazolinium methyl sulfate CAS: 13470-50-3 SHA: 046619	
	Heptenophos	721C
	Γ-n-Heptyl-butyrolactone	475B
475B	5-Heptyldihydro-2(3H)-furanone (9CI) 4-Hydroxyundecanoic acid, Γ-lactone (8CI) Γ-n-Heptyl-butyrolactone	
	Herbadox	454BB
	Herban	607
	Herbisan	338
	Hercon disrupt	472C

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CASWELL#	CHEMICAL	X-REFERENCE
	Hercon disrupt pink bollworm	471AAA
	Hercon luretape	365B
	Hercules 426	478A
	Hercules 5727	512A
	Hercules 7531	607
	Hercules 9699	714B
	Hercules 14503	280A
	Hercules 22234	179D
	Herkol	328
	6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin 3-oxide	420
477A	1,2,3,4,7,7-Hexachloro-5,6-bis(chloromethyl)-2-norbornene Nodon Chlorbicyclen (ISO) Alodan CAS: 2550-75-6 SHA: 477200	
478A	1,2,3,4,7,7-Hexachloro-5,6-(dichloromethyl)-2-norbornene Hercules 426 CAS: 2550-75-6	
	1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo,endo-5,8-dimethanonaphthalene	423
476	Hexachloroacetone HCA Hexachloro-2-propanone CAS: 116-16-5 SHA: 043701	

CASWELL#	CHEMICAL	X-REFERENCE
477	Hexachlorobenzene (CA)	
	Anticarie	
	HCB	
	No Bunt	
	CAS: 118-74-1	
	SHA: 061001	
	Hexachlorocyclohexane	079
	Γ-1,2,3,4,5,6-hexachlorocyclohexane	527
478	Hexachlorocyclopentadiene (CA)	
	CAS: 77-47-4	
	SHA: 027502	
478B	Hexachlorodibenzo-p-dioxin	
	Hexachloroepoxyoctahydro-endo,-endo-dimethanonaphthalene	423
	Hexachloroepoxyoctahydro-endo,-exo-dimethanonaphthalene (85% and related compounds 15%)	333
479	Hexachloroethane (CA)	
	CAS: 67-72-1	
	SHA: 045201	
480	3,4,5,6,7,7-Hexachloro-N-(ethylmercuri)-1,2,3,6-tetrahydro-3,6-endomethanophthalimide	
	Emmi	
	CAS: 2597-93-5	
	SHA: 045301	
	Hexachlorohexahydro-endo,exo-dimethanonaphthalene (95% and related compounds 5%)	012
480AA	Hexachlorohexahydro-exo,exo-dimethanonaphthalane	
	Isodrin (OBSOLETE)	
480A	3,4,5,6,7,7-Hexachloro-N-(methylmercuri)-1,2,3,6-tetrahydro-3,6-endomethanophthalimide	
	Memmi	
	N-Methylmercuri-1,2,3,6-tetrahydro-3,6-methano-3,4,5,6,7,8-hexachlorophthalamide	
	CAS: 902-79-4	
	SHA: 045302	

CASWELL#	CHEMICAL	X-REFERENCE
	Hexachlorophene	566
	Hexachloro-2-propanone	476
480G	Hexaconazole PP 523 (RS)-2-(2,4-Dichlorophenyl)-1-(1H-1,2,4-triazol-1-yl)hexan-2-ol	
480B	Hexacyclohexylditin	
	(Z,E)-7,11-Hexadecadien-1-ol acetate	471AAA
	(Z,Z)-7,11-Hexadecadien-1-ol acetate	471AAA
480C	Hexadecanal CAS: 629-80-1	
	1-Hexadecanol	165D
480D	(Z)-7-Hexadecenal CAS: 56797-40-1	
480E	(Z)-9-Hexadecenal	
	(Z)-11-Hexadecenal	472C
481	Hexadecenoic acid CAS: 25447-95-4 SHA: 045401	
480F	(Z)-11-Hexadecen-1-ol CAS: 53939-28-9	
	Hexadecyl cyclopropanecarboxylate	271BBB
	1-Hexadecylpyridinium bromide	166
	1-Hexadecylpyridinium chloride	166A

CASWELL#	CHEMICAL	X-REFERENCE
	Hexadecyl trimethyl ammonium bromide	167
	Hexadecyl trimethyl ammonium chloride	167A
	Hexadrin	423
	Hexaflurate	692B
481A	Hexahydro-2,7-dithio-1,3,6-thiadiazepine Etem (BSI) CAS: 106-69-4 SHA: 481200	
481AB	Hexahydro-4-hydroxy-3,6-dioxo-4-pyridazineacetic acid Pydanon (ISO,BSI) CAS: 22571-07-9	
481AA	3-(Hexahydro-4,7-methanoindan-1-yl)-1,1-dimethylurea Basfitox Isonoruron Tricuron CAS: 28805-78-9	
	3-(Hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea	607
	Hexahydro-1,3,5-triazine-1,3,5-triethanol-1,3,5-trishydroxyethyl-s-hexahydrotriazine	481C
481B	Hexahydro-1,3,5-triethyl-s-triazine (CA) Vancide TH 1,3,5-Triethylhexahydro-s-triazine (CA) CAS: 7779-27-3	
481C	Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine Grotan Hexahydro-1,3,5-triazine-1,3,5-triethanol-1,3,5-trishydroxyethyl-s-hexahydrotriazine Ottaform 204 (part see, casw 897B) CAS: 4719-04-4 SHA: 083301	

CASWELL#	CHEMICAL	X-REFERENCE
481D	Hexahydro-1,3,5-tris(2-hydroxypropyl)-s-triazine CAS: 25254-50-6 SHA: 105601	
481DD	Hexakis 2-[Methyl-2-phenylpropyl]distannoxane Neostanox (ISO PROP) Vendex SD 14114 Torque CAS: 3356-08-6 SHA: 04601 CFR: 80.362	
	Hexamethylene biguanide	676
481E	1,1'-Hexamethylenebis[5-(p-chlorophenyl)biguanide]diacetate Chlorhexidine diacetate, acetates of guanidated amines CAS: 56-95-1 SHA: 045502	
481F	1,1'-Hexamethylenebis[5-(p-chlorophenyl)biguanide]dihydrochloride Chlorhexidine dihydrochloride CAS: 3697-42-5 SHA; 481700	
481G	1,1'-Hexamethylenebis[5-(p-chlorophenyl)biguanide]gluconate Hibitane Chlorhexidine digluconate CAS: 18472-51-0 SHA: 045504	
482F	Hexamethylene carbamide CAS: 40777-35-1	
482	Hexamethylene tetramine (CA) Methenamine Urotropin CAS: 100-97-0 SHA: 045501	

CASWELL#	CHEMICAL	X-REFERENCE
482A	Hexamethyltetracosane Squalane CAS: 111-01-3 SHA: 045503	
482E	Hexanol CAS: 111-27-3 SHA: 079047	
	Hexathane	930
	Hexazinone	271AA
	Hexetidine	033BB
	4-Hexyl-1,3-benzenediol	482AC
482G	Hexyl carbitol	
	Hexylene glycol	574
482AC	4-Hexylresorcinol 4-Hexyl-1,3-benzenediol CAS: 136-77-6	
	Hexylthiofos	271G
	Hibitane	481G
	Hildan	420
	Hinder	045AA
	Hinosan	434B
482AA	Hirsutella thompsonii ABG 6 65 Mycar SHA: 13401	

CASWELL#	CHEMICAL	X-REFERENCE
	Hi-Sil	734A
	Hi-Sol 10	010AA
	Hizarocin	270A
	HOE 107	861AA
	HOE 02747	207D
	HOE 2784	086
	HOE 02873	714D
	HOE 02982	721C
	HOE 23408	319A
	HOE 33171	431C
	HOE 39866	580I
	HOE-046360	431C
	HOE 61517	574F
	HOE 070542	434D
	Hoe-Grass	319A
	Hoelite	052A
	Hoelon	319A
482B	Homomenthyl salicylate CAS: 18-56-9 SHA: 076603	

CASWELL#	CHEMICAL	X-REFERENCE
	Hormodin	499
	Hostaquick	721C
	Hox 1901	263AA
	Hyamine 10	355
	Hyamine 1622	356
	Hyamine 2389	562
	Hyamine 3500	016E
	Hybrex	723J
	Hydout	421
	Hydout	625C
	Hydram	444
	Hydramethylnon	839A
482BB	Hydrazine CAS: 302-01-2	
	2-Hydrazinoethanol	488A
482C	Hydriodic acid CAS: 10034-85-2 SHA: 046912	
	Hydrochloric acid	486
482I	Hydrochlorofluorocarbon Freon 22	

CASWELL#	CHEMICAL	X-REFERENCE
482D	Hydrocortisone CAS: 50-23-7	
483	Hydrocyanic acid (CA) Hydrogen cyanide CAS: 74-90-8 SHA: 045801 CFR: 180.130	
	1-Hydrocytriacontane	733B
	Hydrodimethylarsine oxide	133
484	Hydrofluoric acid CAS: 7664-39-3 SHA: 045601	
	Hydrofluosilicic acid	463
486A	Hydrogenated castor oil CAS: 8001-78-3 SHA: 031604	
486	Hydrogen chloride Hydrochloric acid CAS: 7647-01-0 SHA: 045901	
485A	Hydrogen cyanamide CAS: 420-04-2 SHA: 014002	
	Hydrogen cyanide	483
486AAA	Hydrogen peroxide CAS: 7722-84-1 SHA: 000595	

CASWELL#	CHEMICAL	X-REFERENCE
	Hydro-glene	265A
	Hydroprene	456H
	Hydrothol	421
	Hydrothol 191	625C
	Hydrothol 191	421D
	Hydrothol 47 liquid	625D
	Hydroxamic acid	463I
	Hydroxyacetic acid	470
486K	Hydroxyatrazine	
	6-Hydroxybendiocarb	593B
	o-Hydroxybenzanilide	730
486G	4-Hydroxy-2-butynyl-N-(3-chlorophenyl) carbamate	
	5-Hydroxy-carbaryl	495K
	4-Hydroxy-carbaryl	495J
486J	1-Hydroxy chlordene	
	Hydroxychloromercuribenzene	194A
	(Hydroxy-4-coumarinyl-3)-3-phenyl-3-(bromo-4-biphenyl-4-)-1-phenylpropyl-4-hydroxy-2H-1-benzopyran-2-one	486AB
486I	2-Hydroxy-4-cyclopylamine-6-isopropyl-amino-1,3,5-triazine	

CASWELL#	CHEMICAL	X-REFERENCE
486AD	4-Hydroxy-3,5-diiodobenzonitrile, monoallyl carbonate ester Iodobonil (ISO,BSI) 2-Propenyl 4-cyano-2,6-diiodophenyl carbonate	
376	3-Hydroxy-N,N-dimethyl-cis-crotonamide, dimethyl phosphate ester Dicrotophos (ISO) 3-(Dimethoxyphosphinyloxy)-N,N-dimethyl-cis-crotonamide SD 3562 Bidrin CAS: 141-66-2 SHA: 035201 CFR: 180.299	
486B	1-(2-Hydroxyethyl)-2-alkyl*-1-benzyl-2-imidazolinium chloride *(C11-C17) CAS: 68309-34-2	
486C	1-(2-Hydroxyethyl)-2-alkyl*-1-benzyl-2-imidazolinium nitrate *(C11-C17) SHA: 046602	
486D	1-(2-Hydroxyethyl)-2-alkyl*-2-imidazoline *(fatty acids of tall oil) CAS: 61791-39-7	
486H	1-Hydroxyethylazonia-2-heptadecenyl-(1H)-imidazole-1,β-propanoate	
	1-(2-Hydroxyethyl)-1-benzyl-2-alkyl imidazolinium chloride	015H
486BB	1-Hydroxyethyl-1-benzyl-2-alkyl* imidazolinium chloride *(fatty acids of coconut oil)	
487	Hydroxyethyl cellulose CAS: 9004-62-0 SHA: 046201	
487A	1-(2-Hydroxyethyl)-1-(4-chlorobutyl)-2-alkyl* imidazolinium chloride *(C6-C17) SHA: 046603	

CASWELL#	CHEMICAL	X-REFERENCE
487AB	2-Hydroxyethyl-2,3-dibromopropionate Busan 42 (see also caswell 853A) Halt Halog CAS: 68479-77-6 SHA: 112501	
487AA	2-Hydroxyethyl-dimethylammonium(5-bromo-6-oxo-1-phenylpyridazin-4-yl) oxamate CAS: 25316-57-8 SHA: 487300	
487B	(2-Hydroxyethyl)ethylenediaminetriacetic acid CAS: 150-39-0 SHA: 039108	
487C	(2-Hydroxyethyl)ethylenediaminetriacetic acid, trisodium salt CAS: 139-89-9 SHA: 039109	
	1-(2-Hydroxyethyl)-2-(8-heptadecenyl)-2-imidazoline	474B
488A	β-Hydroxyethylhydrazine Omaflora 2-Hydrazinoethanol BOH CAS: 109-84-2 SHA: 055502	
488B	1-Hydroxyethylidene phosphonic acid	
489	N-(2-Hydroxyethyl)imidodiacetic acid CAS: 93-62-9 SHA: 039104	
489A	Hydroxyethylmethyleneimine 2-(Methyleneimino)ethanol CAS: 109-83-1 SHA: 489200	

CASWELL#	CHEMICAL	X-REFERENCE
489B	2-Hydroxyethyl octyl sulfide MGK R-874 2-(Octylthio)ethanol CAS: 3547-33-9 SHA: 046301	
	6-Hydroxy-3(2H)-pyridazinone	352
495G	6-Hydroxy-3(2H)-pyridazinone, diethanolamine salt CAS: 5716-15-4	
495E	6-Hydroxy-3(2H)-pyridazinone, sodium salt	
	1-Hydroxy-2(1H)-pyridinethione, sodium salt	790A
	3-Hydroxy-N-hydroxy-methyl-cis-crotonate, α-glucoside 3-dimethyl phospahte ester	731K
490B	6-Hydroxy-3-isopropyl-1H-2,1,3-benzothiadiazin-(4)3H-one-2,2-dioxide	
490C	8-Hydroxy-3-isopropyl-1H-2,1,3-benzothiadiazin-(4)3H-one-2,2-dioxide	
490A	o-(Hydroxymercuri)benzoic acid, cylcic anhydride CAS: 5722-59-8 SHA: 052603	
	Hydroxymercurichlorophenol	192B
491A	3-(Hydroxymercuri)-4-nitro-o-cresol, sodium salt CAS: 53404-55-0 SHA: 052604	
492	Hydroxymercuri-o-nitrophenol CAS: 30284-78-7 SHA: 052601	
492A	Hydroxymercuri-o-nitrophenol, sodium salt Sodium hydroxymercuri-o-nitrophenolate Mercurophen CAS: 17140-73-7 SHA: 052602	

CASWELL#	CHEMICAL	X-REFERENCE
492B	Hydroxymercuriphenyl ammonium triethanolamine CAS: 53466-95-8 SHA: 046003	
493	Hydroxymercury cresol CAS: 12379-66-7 SHA: 046001	
494CA	5 Hydroxymethoxymethyl-1-aza-3,7-dioxabicyclo(3.3.0)octane Nuosept 95 (part, see casw 495AB & 495AD) CAS: 59720-42-2 SHA: 107001	
494B	(3-Hydroxy-2-methoxypropyl)mercuri acetate Troysan 38 CAS: 69653-69-6 SHA: 494300	
494C	2-[(Hydroxymethyl)amino]ethanol Troysan 174 CAS: 34375-28-5 SHA: 099001	
494CC	2-[(Hydroxymethyl)amino]-2-methyl-1-propanol Troysan 192	
	2-(Hydroxymethyl)-2-amino-1,3-propanediol	036
495AB	5-(Hydroxymethyl)-1-aza-3,7-dioxabicyclo(3.3.0)octane Nuosept 95 (part, see casw 494CA & 495AD) CAS: 6542-37-6 SHA: 107002	
494F	5-Hydroxymethyl-2-benzimidazolecarbamate	

CASWELL#	CHEMICAL	X-REFERENCE
377	3-Hydroxy-N-methyl-cis-crotonamide, dimethyl phosphate ester 3-(Dimethoxyphosphinyloxy)-N-methyl-cis-crotonamide Monocrotophos (ISO) SD 9129 Azodrin CAS: 6923-22-4 SHA: 058901 CFR: 180.296	
	N-(Hydroxymethyl)-1-cyclohexene-1,2-dicarboximide 2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate	844
495C	Hydroxymethyl-5,5-dimethylhydantoin	
	2-[2(Hydroxymethyl-dioxymethyleneoxy)propyl]-S-methyloxazolidine	259B
494E	N-Hydroxymethyl-N-methyldithiocarbamate	
495	2-(Hydroxymethyl)-2-nitro-1,3-propanediol (CA) Tris(hydroxymethyl)nitromethane CAS: 126-11-4 SHA: 083902	
494G	2(2'-Hydroxy-5'-methylphenyl)benzotriazole Tinuvin CAS; 2440-22-4	
	4-Hydroxymethyl-2,3,5,6-tetrafluorobenzoic acid	721G
495AA	N-Hydroxynaphthalimide diethylphosphate Naphthalophos Maretin CAS: 1491-41-4 SHA: 204100	
495L	7-Hydroxy-1-Naphthyl-N-Methyl Carbamate	
495J	4-Hydroxy-1-Naphthyl-N-Methyl Carbamate 4-Hydroxy-Carbaryl	

CASWELL#	CHEMICAL	X-REFERENCE
495K	5-Hydroxy-1-Naphthyl-N-Methyl Carbamate 5-Hydroxy-Carbaryl	
	4-Hydroxynonanoic acid, Γ-lactone	352F
495I	2-Hydroxy-4-N-octyloxybenzophenone Chimassorb 81 CAS: 56709-13-8	
	3-(m-Hydroxyphenyl)-1,1-dimethylurea, tert-butylcarbamic acid ester	516A
495D	o-Hydroxyphenyl-N-methylcarbamate CAS: 10309-97-4 SHA: 205300	
495AD	5-Hydroxypoly[methyleneoxy*methyl]-1-aza-3,7-diox-bicyclo-(3.3.0)octanes *(74% C2, 21% C3, 4% C4, 1% C5) Nuosept 95 (part, see casw 495AB & 494CA) SHA: 107003	
	2-Hydroxypropyl-methanethiosulfonate	495A
495A	S-(2-Hydroxypropyl)-thiomethanesulfonate 2-Hydroxypropyl-methanethiosulfonate Busan 74 (part, see also casw 853A) CAS: 29803-57-4 SHA: 035604	
495F	6-Hydroxypyridazinone, potassium salt	
	5-(α-Hydroxy-α-2-pyridylbenzyl)-7-(α-2-pyridylbenzylidene)-5-norbornene-2,3-dicarboximide	606
	8-Hydroxyquinoline benzoate	719A
	8-Hydroxyquinoline citrate	719AA
	8-Hydroxyquinoline sulfate	719B

CASWELL#	CHEMICAL	X-REFERENCE
495H	1-(8-Hydroxy-5-quinolinyl)ethanone sulfate Quinacetol sulfate (ISO PROP)	
496A	4-Hydroxy-3-(1,2,3,4-tetrahydro-1-naphthyl) coumarin Coumatetralyl (ISO) CAS: 5836-29-3 SHA: 496100	
496D	4-Hydroxy-2,5,6-trichloroisophthalonitrile (metabolite of chlorothalonil) (8CI) DAC-3701	
	4-Hydroxy-2,3,5-trichloropyridine	882G
496B	3-Hydroxy-N,N,5-trimethylpyrazole-1-carboxamide dimethylcarbamate Dimetilan (BSI) 1-(Dimethylcarbamoyl)-5-methyl-3-pyrazolyl dimethylcarbamate G-22870 Snip CAS: 644-64-4 SHA: 090101	
	Hydroxytriphenyltin	896E
	4-Hydroxyundecanoic acid, Γ-lactone	475B
	Hypnone	005D
496C	Hypoiodous acid CAS: 14332-21-9 SHA: 496400	
	Hyvar	504
	Hyvar-X	111
	HZ NPV	607AB
	IC 64	556C

CASWELL#	CHEMICAL	X-REFERENCE
	IC 262	019H
	IC 263	019H
497	Ichthammol Icthyol Ichthymall Ammonium ichthosulfonate CAS: 8029-68-3 SHA: 046401	
	Ichthymall	497
	ICI 63197	033E
	Icthyol	497
497A	1-Idoprene-1-N-butylcarbamate	
	IF 21	573Q
	Ignite	580I
	Igran	125D
497AB	Imazalil (ANSI) 1-[2-((2,4-Dichlorophenyl)-2-propenyloxy)-ethyl]-1H-imidazole Deccozil Clinafarm Enilconazole CAS: 35554-44-0 SHA: 111901 CFR: 180.413	
497C	Imazalil acetate R 47657	

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CASWELL#	CHEMICAL	X-REFERENCE
497D	Imazalil nitrate R 18531	
497B	Imazalil sulfate CAS: 58594-72-2 SHA: 111902	
	Imazapyr	352H
	Imazaquin	003C
	Imazethapyr	003I
	Imidan	543
498	Imidazoline acetate CAS: 2379-40-7 SHA: 046604	
	Iminobis(ocatmethylene)diguanidine	471C
	Iminobis(octamethylene)diguanidine	471D
	2-[1-(Imino)butyl]-5-[2-(ethylsulfinyl)propyl]-3-hydroxy-2-cyclohexen-1-one	529A
	2-[1-(Imino)butyl]-5-[2-(ethylsulfonyl)propyl]-3-hydroxy-2-cyclohexen-1-one	529B
	2-[1-(Imino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one	528G
	Impact	463K
	INA-4098	861D
	Indalone	128

CASWELL#	CHEMICAL	X-REFERENCE
498A	Indar 4-Butyl-4H-1,2,4-triazole Butrizol(e) Triazbutil (ANSI) RH 1[illegible]4 CAS: 16227-10-4 SHA: 113901	
498B	Indole 2,3-Benzopyrole CAS: 120-72-9 SHA: 025000	
499	Indole-3-butyric acid (CA) Hormodin CAS: 133-32-4 SHA: 046701	
	INE 965	079C
499C	Inerts	
	IN-L5300	419S
	INM 6316	573S
501B	Inorganic arsenicals	
499D	Inorganic bromides CAS: 24959-67-9 SHA: 053200 CFR: 180.126	
499E	Interstat R 4180	
499A	Iodic acid (CA) CAS: 7782-68-5 SHA: 046902	

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CASWELL#	CHEMICAL	X-REFERENCE
499B	Iodinated terpenes SHA: 046916	
501	Iodine (CA) CAS: 7553-56-2 SHA: 046905	
501AB	2-Iodobenzanilide Benodanil (ISO,BSI) 2-Iodo-N-phenylbenzamide CAS: 15310-01-7	
	Iodobonil	486AD
	Iodofenphos	309B
	2-Iodo-N-phenylbenzamide	501AB
501A	3-Iodo-2-propynyl butylcarbamate Troysan KK-108A Troysan polyphase Anti-mildew Woodlife CAS: 55406-53-6 SHA: 107801	
	Ioxynil	353A
	Ipatone	334
	IPC	510
	Ipersan	889
	Iprodione	470A
	Iprymidam	195F
	IPX	513A

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CASWELL#	CHEMICAL	X-REFERENCE
	Irganox	609B
	Irgasan	186A
502B	Iron oxide CAS: 1345-25-1	
502C	Isatoic acid anhydride	
	Isazofos	195AAA
	Isazophos	195AAA
502	Isethionic acid (CA) CAS: 107-36-8 SHA: 047701	
502A	Isethionic acid, oleyl ester CAS: 53404-64-1 SHA: 047702	
	Isoacetophorone	506
	Isobenzan	609
503	Isobornyl thiocyanoacetate (and related compounds) Thanite CAS: 115-31-1 SHA: 047101	
	Isobumeton	125C
503A	Isobutane CAS: 75-28-5 SHA: 097101	
503B	Isobutyl alcohol CAS: 78-83-1	

CASWELL#	CHEMICAL	X-REFERENCE
503C	Isobutyl 2-[4-(4-chlorophenoxy) phenoxy]propionate Clofop-isobutyl (ISO PROP) CAS: 51337-71-4	
503AA	Isobutyric acid Tenox IBP-2 CAS: 79-31-2 SHA: 101502	
504	Isocil (ANSI) 5-Bromo-3-isopropyl-6-methyluracil Hyvar CAS: 314-42-1 SHA: 011801	
504A	Isocyanurates	
504C	Isocyclohexamide CAS: 6746-42-5 SHA: 374700	
504B	Isodecyl alcohol CAS: 25339-17-7	
	Isodrin	480AA
	Isofenphos (ISO,BSI)	447AB
504D	Isofluvalinate α-Cyano-3-phenoxybenzyl-2-[2-chloro-5-(trifluoro- methyl)-anilino]-3-methylbutanoate	
	Isolan	511D
	Isomate	410C
	Isonoruron	481AA
505	Isooctyl phenoxy polyethoxy ethanol CAS: 9004-87-9 SHA: 079004	

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CASWELL#	CHEMICAL	X-REFERENCE
505B	Isooctyl phosphate, mono and diesters, potassium salt	
505A	Isoparaffinic hydrocarbons CAS: 64771-72-8 SHA: 505200	
506	Isophorone 3,5,5-Trimethyl-2-cyclohexen-1-one Isoacetophorone CAS: 78-59-1 SHA: 047401	
506AB	Isophosphamide	
506B	Isophthalonitrile SDS-3176	
	Isoprocarb (ISO,BSI)	512B
506A	Isopropalin (ANSI) 2,6-Dinitro-N,N-dipropylcumidine 4-Isopropyl-2,6-dinitro-N,N-dipropylaniline EL 179 Paarlan CAS: 33820-53-0 SHA: 100201 CFR: 180.313	
507	Isopropanol Isopropyl alcohol 2-Propanol Visco 1152 (part, see casw 012H) CAS: 67-63-0 SHA: 047501	
508A	O-Isopropoxyphenyl CAS: 812-20-8 SHA: 205400	

CASWELL#	CHEMICAL	X-REFERENCE
507B	2-Isopropoxyphenyl carbamic acid THS 1240	
507A	2-Isopropoxyphenyl hydroxymethylcarbamate THS 1241	
508	O-Isopropoxyphenyl methylcarbamate (CA) 2-(1-Methylethoxy)phenylmethylcarbamate (CA*) Propoxur (ISO) Baygon Bay 39007 Unden Sendran Blattanex CAS: 114-26-1 SHA: 047802	
	Isopropyl acetone	574AA
	Isopropyl alcohol	507
509A	2-(Isopropylamino)-4-[(3-methoxypropyl)amino]-6-(methylthio)-s-triazine Methoprotryne (ISO) Gesaran G-36393 CAS: 841-06-5 SHA: 509200	
509B	2-(Isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine Desmetryne (ISO) Semeron-25 CAS: 1014-69-3 SHA: 080810	
509C	3-Isopropyl-1H-2,1,3-benzothiadiazin-4(3H)-one-2,2-dioxide Bentazon (ANSI) Basagran, sodium salt BAS 351H CAS: 25057-89-0 SHA: 275200 CFR: 180.355	

CASWELL#	CHEMICAL	X-REFERENCE
509D	3-Isopropyl-1H-2,1)-3-benzothiadiozin-4-(3H)-one-2,2-dioxide, sodium salt CAS: 50723-80-3 SHA: 103901	
	1-Isopropylcarbamoyl-3-(3,5-dichloro-phenyl)hydantoin	470A
510	Isopropyl carbanilate (CA) Isopropyl N-phenylcarbamate Propham (ISO) Prophos IPC Beet-Kleen Ban-Hoe CAS: 122-42-9 SHA: 047601	
510C	Isopropyl-3-chloro-4-hydroxy-carbanilate	
510B	Isopropyl-5-chloro-2-hydroxy-carbanilate	
	Isopropyl-m-chlorocarbanilate	510A
510A	Isopropyl-N-(3-chlorophenyl)carbamate Isopropyl-m-chlorocarbanilate (CA) Chlorpropham (ISO) Chloro IPC CIPC CAS: 101-21-3 SHA: 018301 CFR: 180.181	
511	5-Isopropyl-o-cresol Carvacrol CAS: 499-75-2 SHA: 022104	

CASWELL#	CHEMICAL	X-REFERENCE
511A	Isopropyl-4,4-dibromobenzilate Bromopropylate (ANSI) 1-Methylethyl-4-bromo-α-(4-bromophenyl)-α-hydroxybenzeneacetate Acarol Neoron GS 19851 CAS: 18181-80-1 SHA: 028802	
511B	Isopropyl-4,4'-dichlorobenzilate Chloropropylate (ANSI) Acaralate G-24163 CAS: 5836-10-2 SHA: 026801 CFR: 180.218	
	4-Isopropyl-2,6-dinitro-N,N-dipropylaniline	506A
511DA	Isopropyl-N-4-hydroxyphenylcarbamate	
	4,4'-Isopropylidine diphenyl alkyl* phosphites *(C12-C15)	539F
	Isopropyl-(E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate	028AAA
	Isopropyl-2-(1-methylbutyl)-4,6-dinitrophenylcarbonate	392D
	2(4-Isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid	003F
	2-(4-Isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-3-quinolinecarboxylic acid	003C
	2-(4-Isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl nicotinic acid withisopropylamine (1:1)	003D
511D	1-Isopropyl-3-methylpyrazol-5-yl dimethylcarbamate Isolan CAS: 119-38-0 SHA: 511500	

CASWELL#	CHEMICAL	X-REFERENCE
511E	Isopropyl myristate CAS: 110-27-0 SHA: 000207	
510BA	Isopropyl N-(3-chloro-4-fluorophenyl)-N-benzoyl alanine Flufenprop-isopropyl CAS: 57973-67-8	
	Isopropyl N-phenylcarbamate	510
	Des-N-Isopropyl oftanol	568I
	Des-N-Isopropyl oftanol oxygen analog	568H
512	3-(4-Isopropylphenyl)-1,1-dimethylurea Isoproturon (ISO PROP) CAS: 34123-59-6	
512A	m-Isopropylphenyl methylcarbamate UC 10854 m-Cumenyl methylcarbamate Hercules 5727 CAS: 64-00-6 SHA: 047801	
512B	o-Isopropylphenyl methylcarbamate o-Cumenyl methylcarbamate 2-(1-Methylethyl)phenyl methylcarbamate Bay 39731 Isoprocarb (ISO,BSI) PPG 3 Etrofolan CAS: 2631-40-5 SHA: 512300	
	Isopropyl salicylate ester & O-ethyl isopropylphosphoramidothioate	447AB
513	Isopropyl trichloroacetate CAS: 3974-99-0 SHA: 076802	

CASWELL#	CHEMICAL	X-REFERENCE
512C	1-(6-Isopropyl-1,1,4-trimethyl-5-indanyl)-1-propanone Tripropindan (ISO,BSI) Ethyl-6-isopropyl-1,1,4-trimethyl-5-indanyl ketone CAS: 6682-77-5	
513A	Isopropylxanthic acid IPX Proxan CAS: 2634-33-5 SHA: 098901	
	Isoproturon	512
513B	Isopyrimol (ANSI) α-(4-Chlorophenyl)-α-(1-methylethyl)-5-pyrimidinemethanol CAS: 55283-69-7	
	Isothan Q	022
	Isothan Q-15	520
514	Isothymyl-2-chloroethyl ether CAS: 12379-45-2	
	Isouron	419E
515	2-Isovaleryl-1,3-indandione PMP Valone CAS: 83-28-3 SHA: 067702	
515A	2-Isovaleryl-1,3-indandione, calcium salt CAS: 23710-76-1 SHA: 067706	
	Isoxaben	419F

CASWELL#	CHEMICAL	X-REFERENCE
	Isoxazolidinone	463D
	IT 3456	557B
	Jonnix	062A
515AA	Juglone-5-Hydroxy-1,4-naphthoquinone CAS: 481-39-0	
516	Juniper tar CAS: 8013-10-3 SHA: 067203	
516AA	Kadethrin(e) 5-Benzyl-3-furylmethyl-(+)cis,(1R,3S,E)-2,2-dimethyl-3-(2-oxo-2,3,4,5-tetrahydrothiophenylidenemethyl) cyclopropanecarboxylate E-5-Benzyl-3-furylmethyl-cis-2,2-dimethyl-(3)-dihydro-thien-2'-one-3'-ylidinyl cyclopropane carboxylate CAS: 58769-20-3 SHA: 097803	
	Karate	725C
	Karathane	391D
516A	Karbutilate (ANSI) 3-(m-Hydroxyphenyl)-1,1-dimethylurea, tert-butylcarbamic acid ester m-(3,3-Dimethylureido)phenyl-tert-butylcarbamate Tandex CAS: 4849-32-5 SHA: 097401	
	Karmex	410
	Kathon	613C
	Kathon 886	195C
	Karbam	682

CASWELL#	CHEMICAL	X-REFERENCE
	Kazoe	744A
	Kefil Super	271DD
	Kelevan	436C
	Kelthane	093
	Kemate	302
	Kepone	275
	Kerb	306A
517	Kerosene CAS: 8008-20-6 SHA: 063501	
	2-Kinoprene	714AA
	Kloben	594
	Koltar	188AAA
	Komeen	239A
	Korax	201A
	Korlan	724
	Krenite	465G
	Kryocide	264
	Kuron	739C
	Kurosal	739

CASWELL#	CHEMICAL	X-REFERENCE
	Kusagard	
517C	L-77	025AA
517E	L-711	
517F	L-720	
517G	L-721	
517H	L-722	
	L 5300	
517I	L-7000	419S
517J	L-7002	
517K	L-7004	
517L	L-7500	
517M	L-7600	
517N	L-7602	
517O	L-7604	
517P	L-7605	
517D	L-7607	
517Q	L-7610	
517R	Lactic acid CAS: 50-21-5	
	Lactofen	7048

CASWELL#	CHEMICAL	X-REFERENCE
517A	Lactoxymercuriphenyl ammonium lactate CAS: 53466-98-1 SHA: 051901	
517S	Lagenidium giganteum	
	Lambast	098
	Lambdacyhalothrin	725C
	Lambrol	462A
	Lamprecide	890
	Lance	073A
	Landrin	893A
	Lanex	460A
	Lannate	549C
518	Lanolin CAS: 8006-54-0 SHA: 031601	
	Lanstan	201A
518C	Lanthanum chloride	
	Largon	346A
518A	Larkspur alkaloid CAS: 1710-20-7 SHA: 002202	
	Larvadex	167B

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CASWELL#	CHEMICAL	X-REFERENCE
	Larvatrol	066
	Larvin	900AA
	Lasso	011
518B	(3-Lauramidopropyl)trimethyl-ammonium methyl sulfate	
519B	Lauryl alcohol 1-Dodecanol Dodecyl alcohol CAS: 112-53-8	
	N-Lauryl caprolactam	064A
519A	Lauryl diethanolamide N,N-Bis(2-hydroxyethyl)lauramide N,N-Bis(2-hydroxyethyl)dodecanamide CAS: 120-40-1 SHA: 079018	
519C	N-Lauryl diethylenetriamine	
520	2-Laurylisoquinolinium bromide Isothan Q-15 2-Dodecylisoquinolinium bromide CAS: 93-23-2 SHA: 069130	
521	Lauryl methacrylate Metazene Dodecyl-2-methylacrylate CAS: 142-90-5 SHA: 053101	
521A	Lauryl pentachlorophenate Pentachlorophenol laurate (ANSI) CAS: 3772-94-9 SHA: 063010	

CASWELL#	CHEMICAL	X-REFERENCE
523	Lauryl thiocyanate CAS: 765-15-1 SHA: 068101	
	Lauseto neu	195A
523B	Lead CAS: 7439-92-1	
523A	Lead acetate CAS: 301-04-2 SHA: 048001	
524	Lead arsenate Standard lead arsenate CAS: 53404-12-9 SHA: 013502 CFR: 180.194	
525	Lead arsenate, basic CAS: 7784-40-9 SHA: 013503	
524A	Lead naphthenate CAS: 61790-14-5	
525AA	Lecithin CAS: 8002-43-5	
525A	Lenacil (ANSI) 3-Cyclohexyl-6,7-dihydro-1H-cyclopentapyrimidine-2,4-(3H,5H)-dione 3-Cyclohexyl-5,6-trimethyleneuracil Venzar CAS: 2164-08-1 SHA: 525200	
	Lepton	525B

CASWELL#	CHEMICAL	X-REFERENCE
525B	Leptophos (ANSI) O-(4 Bromo-2,5-dichlorophenyl)-O-methyl phenylphosphonothioate Phosvel VCS 506 Lepton CAS: 21609-90-5 SHA: 525300 CFR: 180.345	
	Lethane 60	085
	Lethane 384	084
	Lethane /70	409
	Lethox	165
	Lexgard bronopol	116A
	Lexol 300	186A
	Lexone	033D
525BB	Lignosan BLP Corrc Methyl-2-benzimidazolecarbamate phosphate CAS: 52316-55-9 SHA: 099102	
525C	Lignosulfonic Acid, Triethanolamine Salt CAS: 102-71-6	
	Limit (part, see casw 284)	315
	Limit (part, see casw 315)	284
526	Limonene Dipentene CAS: 138-86-3 SHA: 079701	

CASWELL#	CHEMICAL	X-REFERENCE
526A	Linalool	
	CAS: 8-70-6	
	SHA: 128838	
526AA	Linalyl acetate	
527	Lindane (NSI)	
	Γ-Benzene hexachloride	
	Γ-1,2 3,4,5,6-hexachlorocyclohexane	
	CAS: 8-89-9	
	SHA: 09001	
	CFR: 80.133	
	Linear aliphatic alcohols	681D
527A	Linseed oil	
	CAS: 001-26-1	
	SHA: 031603	
528	Linuron (NSI)	
	3-(3, -Dichlorophenyl)-1-methoxy-1-methylurea (CA)	
	Lorox	
	Afalo	
	Premalin	
	Sarclex	
	CAS: 30-55-2	
	SHA: 35506	
	CFR: 80.184	
528J	Lion Urin	
	Liphadion	211C
	Lironion	551C
528B	Litharge	
	CAS: 317-36-8	

CASWELL#	CHEMICAL	X-REFERENCE
528A	Lithium hypochlorite CAS: 13840-33-0 SHA: 014702	
528I	Lithium ricinoleate	
528BA	Lithium stearate	
	LM 637	486AB
517U	L-652,280 00N02	
517T	L 652,871 00N01	
	Locustide	607A
	Lonacol	930
	Londax	359H
	Lontrel 205 (part, see casw 315E)	323H
	Lontrel 205 (part, see casw 323H)	315E
	Lorox	528
	Lorsban	219AA
	Lovozal	654A
528H	Low erucic acid rape seed oil	
	Low Foam Iodine sanitizer also contains phosphoric acid	704D
	LS 74783	012B
528C	LS 815877 S-(1, -Dimethylethyl)-O-ethyl ethylphosphorothioate CAS: 3318-76-7 SHA: 128846	

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CASWELL#	CHEMICAL	X-REFERENCE
528D	Luminescent colorants	
	Lursect	714EA
	Lurtox	714EA
	Lythidathion	427C
528AB	M-8-10 Dimethyl oleamide	
	M 2060	462A
528AA	M 4473 Pyroxyfur (ANSI) 2-Chloro-6-(2-furanylmethoxy)-4-(trichloromethyl)pyridine (9CI) Granstand Dowco 444 CAS: 0166-48-2 SHA: 121801	
	M 8164	733B
	M 9834	471AC
	M 14360	323K
528E	M-SO 2-[1-(Ethoxyimino)butyl]-5-[2-(ethylsulfinyl)propyl]-3-hydroxy-2-cyclohexen-1-one	
528F	M-SO2 2-[1-(Ethoxyimino)butyl]-5-[2-(ethylsulfonyl)propyl]-3-hydroxy-2-cyclohexen-1-one	
528G	M1-S 2-[1-(Imino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one	
529A	M1-SO 2-[1-(Imino)butyl]-5-[2-(ethylsulfinyl)propyl]-3-hydroxy-2-cyclohexen-1-one	

CASWELL#	CHEMICAL	X-REFERENCE
529B	M1-SO2 2-[1-(Imino)butyl]-5-[2-(ethylsulfonyl)propyl]-3-hydroxy-2-cyclohexen-1-one	
530B	M2-S 6-[2-(Ethylthio)propyl]-6,7-dihydro-2-propyl-4(5H)-benzoxazolone	
530C	M2-SO 6-[2-(Ethylsulfinyl)propyl]-6,7-dihydro-2-propyl-4-(5H)-benzoxazolone	
530D	M2-SO2 6-[2-(Ethylsulfonyl)propyl]-6,7-dihydro-2-propyl-4-(5H)-benoxazolone	
	Machete	119B
	Magnacid	009
529	Magnesium arsenate CAS: 10103-50-1 SHA: 113504 CFR: 180.195	
530	Magnesium carbonate CAS: 46-93-0 SHA: 073503	
530A	Magnesium chlorate De-Fo -Ate E-Z O f Magro CAS: 0326-21-3 SHA: 530200	
531	Magnesium chloride CAS: 786-30-3 SHA: 013902	
531A	Magnesium chloride hexahydrate	

CASWELL#	CHEMICAL	X-REFERENCE
532	Magnesium fluosilicate CAS: 16949-65-8 SHA: 075304	
532A	Magnesium lauryl sulfate CAS: 3097-08-3 SHA: 079017	
532B	Magnesium phosphide (tolerances expressed as phosphine) CAS: 12057-74-8 SHA: 218100 CFR: 180.375	
533	Magnesium silicate CAS: 343-88-0 SHA: 072601	
534	Magnesium sulfate CAS: 487-88-9 SHA: 050503	
534A	Magnesium trichloroacetate CAS: 6094-02-3 SHA: 081003	
	Magron	530A
	Maintain F 125	557B
	Maki	486AB
534B	Malachite (copper equivalent 57%) CAS: 319-53-5 SHA: 534300	
534C	Malachite green CAS: 69-64-2 SHA: 039504	

CASWELL#	CHEMICAL	X-REFERENCE
	Malaspra	535
535	Malathion (ANSI)	
	O,O-Dimethyl dithiophosphate of diethyl mercaptosuccinate	
	S-(1,2-Dicarbethoxyethyl)-O,O-dimethylphosphorodithioate	
	Cythion	
	Chemathion	
	Malaspray	
	Zithiol	
	CAS: 121-75-5	
	SHA: 057701	
	CFR: 180.111	
535A	Maleic anhydride	
	Maleic hydrazide	352
535B	Maleic Hydrazide Choline Salt	
	Maleic Hydrazide, monoethanolamine salt	352J
	N-Maleimide	902AA
537	Malic acid	
	CAS: 6915-15-7	
	SHA: 051101	
	Malix	420
	Malonoben	291AA
	Maloran	173A
	MAMA	580C
	Mancozeb	913A

CASWELL#	CHEMICAL	X-REFERENCE
539	Maneb (AN I)	
	Manganese ethylene bisdithiocarbamate	
	Manzate	
	Dithane M-22	
	Dithane S-31 (part, see casw 5968)	
	Chem Neb	
	CAS: 12427-38-2	
	SHA: 014505	
	CFR: 180.110	
538C	Manganese	
538	Manganese arsenate	
	CAS: 784-38-5	
	SHA: 013506	
538A	Manganese chloride	
538B	Manganese chloride hexahydrate	
	Manganese ethylene bisdithiocarbamate	539
539A	Manganous benzothaizylmercaptide	
	2-Mercaptobenzothiazole, manganese salt	
	CAS: 3404-58-3	
	SHA: 009201	
539B	Manganous dimethyldithiocarbamate	
	CAS: 5339-36-3	
	SHA: 034802	
	CFR: 180.161	
	Manzate	539
	Manzate 200	913A
	M/PJ	454

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CASWELL#	CHEMICAL	X-REFERENCE
	Maretin	495AA
	Margosan-O	594A
539F	Mark 1500 4,4'-Isopropylidine diphenyl alkyl* phosphites *(C12-C15) CAS: 31570-09-4	
539E	Mark 1603	
	Marlate	550
	Marshall	463C
	Matacil	360
	Mataven	903E
	Mavrik	934
	Mazidox	842B
	MBC	079C
	MBR 6033	889B
539C	MBR 9251 1,1,1-Trifluoro-N-2-[methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide Destun Perfluidone (ANSI) CAS: 37924-13-3 CFR: 180.165	
	MBR 12325	333AA
	MC 4379	561AA
	MC-A-600	081D

CASWELL#	CHEMICAL	X-REFERENCE
	MCH	561AB
	MCPA	557C
	MCPA thioethyl	431F
	MCPB (ISO)	558
	MCPES	216E
	MCPP	559
	Mebenil	858
	Mecarbam	340
	Mecaribinzid	573TU
	Mecoper	559
	Mecopex	559
	Mecoprop	559
	Mediben	295
	Medinoterb	128BB
539G	Mefluide, diethanolamine salt (ANSI) CAS: 53780-36-2	
	Melamine	861B
	Melanoplus sanquinipes virus	539H
	Melfluidide	333AA
	Melfluidide, Potassium salt	333AC

CASWELL#	CHEMICAL	X-REFERENCE
	Melissyl alcohol	733B
	Meltatox	268E
	Memmi	480A
	Me-MSO	607D
	Menazon	285A
	Menite	160B
540	Menthol CAS: 1490-04-6 SHA: 051601	
	Mephane	557C
	Mephosfolan	268H
	Mepiquat chloride	380AB
	Merbac 35	082A
541	2-Mercaptobenzothiazole 2-Benzothiazolethiol (CA) CAS: 149-30-4 SHA: 051701 CFR: 180.160	
	2-Mercaptobenzothiazole, ferric salt	459A
490	2-Mercaptobenzothiazole, 1-(2-hydroxyethyl)pyridinium salt CAS: 5468-43-9 SHA: 051702	
	2-Mercaptobenzothiazole, manganese salt	539A

CASWELL#	CHEMICAL	X-REFERENCE
541A	2-Mercaptobenzothiazole, monoethanolammonium salt CAS: 5902-85-2 SHA: 051706	
541B	2-Mercaptobenzothiazole, potassium salt CAS: 7778-70-3 SHA: 051707	
541C	2-Mercaptobenzothiazole, sodium salt Busan 52 (part, see casw 693B) CAS: 2492-26-4 SHA: 051704	
	2-Mercaptobenzothiazole, zinc salt	917
	Mercaptodimethur	578B
543	N-(Mercaptomethyl)phthalimide-S-(O,O-dimethylphosphorodithioate) O,O-Dimethyl phosphorodithioate, S-ester with N-(mercaptomethyl)phthalimide O,O-Dimethyl-S-(phthalimididomethyl)phosphorodithioate Phosmet (BSI) Imidan Prolate Phthalophos CAS: 732-11-6 SHA: 059201 CFR: 180.261	
	Mercaptophos	456F
	Mercaptophos (USSR)	279
	Mercarphon	549E
543A	Mercuric acetate CAS: 1600-27-7 SHA: 052104	

CASWELL#	CHEMICAL	X-REFERENCE
544	Mercuric chloride Corrosive sublimate Calo-Clor Calocure CAS: 7487-94-7 SHA: 052001	
544A	Mercuric oxide CAS: 21908-53-2 SHA: 052102	
	Mercurophen	492A
	Mercurous chloride	154
546	Mercury CAS: 7439-97-6 SHA: 052301	
546A	Mercury naphthenate CAS: 1336-96-5 SHA: 052101	
546B	Mercury oleate CAS: 1191-80-6 SHA: 052105	
546C	Mercury pentanedione CAS: 14024-55-6 SHA: 052103	
546D	Mercury phenate CAS: 588-66-9 SHA: 052106	
	Merpafos	453AA
	Merphos	865

CASWELL#	CHEMICAL	X-REFERENCE
	Mertect	849A
	Merthiolate	766
547	Mesityl oxide CAS: 141-79-7 SHA: 052401	
547A	Mestranol CAS: 72-33-3 SHA: 115401	
	Mesurol	578B
	MET-1486	902C
	Metacide	372
	Metacide 38	114G
	Metalaxyl	375AA
548	Metaldehyde CAS: 108-62-3 SHA: 053001	
	Metalkamate	454C
	Metam-Sodium	780
	Metasol	573H
	Metasol J-26	601BB
	Metasystox	456
	Metasystox R	455

CASWELL#	CHEMICAL	X-REFERENCE
	Metaxon	557C
	Metazene	521
		207C
	Metflurazone	188A
	Methabenzthiazuron	081B
549	Methacrylamide CAS: 79-39-0 SHA: 052901	
	Methafluoridamid	333AA
548A	Methalpropalin (ANSI PROP) N-(2-Methyl-2-propenyl)-2,6-dinitro-N-propyl-4-(trifluoromethyl)benzenamine α,α,α-Trifluoro-N-(2-methylallyl)-2,6-dinitro-N-propyl-p-toluidine	
	Methamidophos	378A
549A	Methane arsonic acid	
549H	Methane, (Ethylsulfonyl) (Methylsulfonyl)	
549G	Methane sulfonic acid	
	Methanol	552
	Methar	405

CASWELL#	CHEMICAL	X-REFERENCE
549AA	Methazole (ANSI)	
	2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione	
	Chlormethazole (ISO PROP)	
	VCS 438	
	Bioxone	
	Probe	
	Tunic	
	CAS: 0354-26-1	
	SHA: 06001	
	CFR: 80.357	
	Methenamine	482
549BB	Methfuroxam (ANSI)	
	2,4,5-Trimethyl-N-phenyl-3-furancarboxamide	
	Fenfuroxam	
	Furoxam	
	UBI-H 719-1220	
	UBI-H 719-1222	
	CAS: 28730-17-8	
	SHA: 116301	
	Methidathion	378B
	Methiocarb	578B
549F	Methionine	
	Methiuron	383
	Methocrotophos	368A
	Methometon	549DD

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CASWELL#	CHEMICAL	X-REFERENCE
549C	Methomyl (ANSI)	
	S-Methyl-N-[(methylcarbomyl)oxy]thioacetimidate	
	Methyl-N-(((methylamino)carbony)oxy)ethanimidothioate (9CI)	
	Lannate	
	Nudrin	
	CAS: 16752-77-5	
	SHA: 090301	
	CFR: 180.253	
	Methoprene	028AAA
	Methoprotryne	509A
	Methoquin-butyl	130D
	Methoxone	557C
549DD	2-Methoxy-4,6-bis[(3-methoxypropyl)amino]-s-triazine	
	Methometon (ISO)	
	CAS: 1771-07-9	
	SHA: 549300	
	3--[(Methoxycarbonyl)amino]phenyl-3-methylphenylcarbamate	648B
549E	S-[(Methoxycarbonyl)methylcarbamoyl]methyl-O-methyl methylphosphonodithioate	
	Mercarphon (ISO)	
	CAS: 29173-31-7	
	SHA: 549600	
550	Methoxychlor, technical (ANSI)	
	2,2-Bis(p-methoxyphenyl)-1,1,1-trichloroethane (88% and related compounds 12%)	
	Marlate	
	CAS: 72-43-5	
	SHA: 034001	
	CFR: 180.120	
	2 Methoxy-3,6-dichlorobenzoic acid	295

CASWELL#	CHEMICAL	X-REFERENCE
	1-(8-Methoxy-4,8-dimethylnonyl)-4-(1-methylethyl)benzene	584C
550A	4-Methoxy-N,6-dimethyl-1,3,5-thiazin-2-amine DPX-L5296	
551	2-Methoxyethanol (CA) Ethylene glycol, monomethyl ether CAS: 109-86-4 SHA: 042202	
	2-(2-methoxyethoxy)ethanol	338B
	2-Methoxy-4-(ethylamino)-6-(sec-butylamino)-s-triazine	125C
	S-[[(2-Methoxyethyl)carbamoyl]methyl]-O,O-dimethyl-phosphorodithioate	033
551B	(2-Methoxyethyl)mercuric acetate CAS: 151-38-2 SHA: 041508	
549D	2-Methoxy-4H-1,3,2-benzodioxaphosphorin-2-sulfide Salthion	
551E	2-Methoxy-5-hydroxy-3,6-dichloro-benzoic acid	
551F	1-Methoxy-1-methyl-3-(4-(3,4-dihydro-2-methoxy-2,4,4-trimethyl-7-benzopyranyloxy)phenyl)urea UMP-4 8	
	N-(Methoxymethyl)-2-(methylsulfinyl)-2',6'-diethylacetanilide	259G
	N-(Methoxymethyl)-2-(methylsulfonyl)-2',6'-diethylacetanilide	259E
	N-(Methoxymethyl)-2-(methylthio)-2',6'-diethylacetanilide	259F
	S-[(5-Methoxy-4-oxo-4H-pyran-2-yl)methyl]-O,O-dimethyl phosphorothioate	422
	S-[(5-Methoxy-2-oxo-1,3,4-thiadiazol-3(2H)-yl)methyl]-O,O-dimethyl phosphorodithioate	378B

CASWELL#	CHEMICAL	X-REFERENCE
	N-4-(p-Methoxyphenoxy)-phenyl-N,N'-dimethylurea	551C
551C	3-[p-(p-Methoxyphenoxy)phenyl]-1,1-dimethyl urea Difenoxuron (ISO) N-4-(p-Methoxy-phenoxy)-phenyl-N,N'-dimethylurea Lironion CAS: 14214-32-5 SHA: 551400	
	2-[(4-Methoxyphenyl)methoxy]-N,N-dipropylacetamide	401A
551D	3-(3-Methoxypropoxy)-1-propanol Dipropylene glycol methyl ether CAS: 112-28-7 SHA: 011508	
	2-Methoxy-3,5,6-trichlorobenzoic acid	869
552	Methyl alcohol Methanol CAS: 67-56-1 SHA: 053801	
552B	2-Methylamino-4,5-dimethyl-6-hydroxypyrimidine R 34[illegible]5	
552A	Methyl n-amyl ketone CAS: 110-43-0	
553	Methylated aromatic petroleum derivatives CAS: 67674-15-1 SHA: 054001	
554	Methylated naphthalenes CAS: 321-94-4 SHA: 054002	
553A	Methylated silicones CAS: 3148-62-9	

CASWELL#	CHEMICAL	X-REFERENCE
	2-Methylbenzimidazole carbamate	079C
	Methyl-2-benzimidazolecarbamate phosphate	525BB
554AA	Methyl benzoate	
	[R]-Methyl-N-benzoyl-N-(3-chloro-4-fluorophenyl)alaninate	9030
	Methyl-N-benzoyl-N-(3-chloro-4-fluorophenyl)alaninate, (R)-enatiomorph	9030
	Methyl-N-benzoyl-N-(3-chloro-4-fluorophenyl)-2-aminopropioate	903E
	α-Methylbenzyl-3-(dimethoxyphosphinyloxy)-cis-crotonate	378
378	α-Methylbenzyl-3-hydroxy-cis-crotonate, dimethyl phosphate ester α-Methylbenzyl-3-hydroxycrotonatye dimethylphosphate α-Methylbenzyl-3-(dimethoxyphosphinyloxy)-cis-crotonate Ciodrin Crotoxyphos (ISO) CAS: 7700-17-6 SHA: 58801 CFR: 80.280	
	α-Methylbenzyl-3-hydroxycrotonatye dimethylphosphate	378
554C	Trans-(2-Methyl[1,1'-biphenyl]-3-yl)-methyl(2,2-Dichloro-3,3,3-Tri-fluoropropyl-2,2-Dimethylcyclopropanecarboxylate	
	Methyl-2- [[[[4,6-bis(difluoromethoxy)-2-pyrimidinyl]amino]carbonyl]amino]sulfanyl]benzonte	074C
555	Methyl bromide CAS: 4-83-9 SHA: 53201 CFR: 80.123	
555A	3-Methyl- -butanone Methyl isopropyl ketone CAS: 63-80-4 SHA: 044104	

379

CASWELL#	CHEMICAL	X-REFERENCE
	Methyl-[-[(butylamino)carbonyl]-lH-benzimidazol-2-yl]carbamate	075A
	Methyl-1 (butylcarbamoyl)-2-benzimidazolecarbamate	075A
556C	Methyl b tylnol IC 6	
	3-(1-Met ylbutyl)phenylmethylcarbamate	454C
556	m-(1-Met ylbutyl)phenyl methylcarbamate and m-(ethylpropyl)phenyl methylcarbamate in a 3:1 ratio CAS: 572-04-8 SHA: 059301	
556A	N-[(Meth lcarbamoyl)oxy]thioacetimidic acid ester SD 1 250 Thio arboxime (ISO,BSI)	
556B	N-Methyl carbamoylpyridazines	
	Methyl c rbophenothion	212
557A	Methyl-2 chloro-3-(p-chlorophenyl)propionate Chlo fenprop-methyl (BSI,ISO) Meth l-α-p-dichlorohydrocinnamate CAS: 14437-17-3 SHA: 557200	
557	Methyl chloride CAS: 74-87-3 SHA: 053202	
557P	2-Methyl 4-chloroacetanilide	
557Q	2-Methyl 4-chloroacetanilide hydrochloride	
	Methyl c loroform	875

CASWELL#	CHEMICAL	X-REFERENCE
557C	2-Methyl- -chlorophenoxyacetic acid 4-Chl ro-o-tolyloxyacetic acid 4-Chl ro-2-methylphenoxyacetic acid MCPA Mepha e Metax n Methc one Agrox ne CAS: 4-74-6 SHA: 30501 CFR: 80.339	
557D	2-Methyl- -chlorophenoxyacetic acid, 2-butoxyethyl ester CAS: 9480-43-4 SHA: 030553	
557DD	2-Methyl- -chlorophenoxyacetic acid, butyl ester	
557E	2-Methyl- -chlorophenoxyacetic acid, diethanolamine salt CAS: 0405-19-0 SHA: 030511	
557F	2-Methyl- -chlorophenoxyacetic acid, diisopropanolamine salt CAS: 2459-70-1 SHA: 030514	
557G	2-Methyl- -chlorophenoxyacetic acid, dimethylamine salt CAS: 039-46-5 SHA: 030516	
557H	2-Methyl- -chlorophenoxyacetic acid, ethanolamine salt CAS: 365-62-4 SHA: 030510	
557N	2-Methyl- -chlorophenoxyacetic acid, ethyl ester	
557JJ	2-Methyl- -chlorophenoxya ic acid, isobutyl ester	

CASWELL#	CHEMICAL	X-REFERENCE
557I	2 Methyl --chlorophenoxyacetic acid, isooctyl ester CAS: '6544-20-7 SHA: 030563	
557J	2 Methyl --chlorophenoxyacetic acid, isopropanolamine salt CAS: 2459-69-8 SHA: 030513	
557JK	2 Methyl- -chlorophenoxyacetic acid, isopropyl ester	
557JL	2 Methyl- -chlorophenoxyacetic acid, potassium salt	
557K	2 Methyl- -chlorophenoxyacetic acid, sodium salt CAS: 653-48-3 SHA: 030502	
557L	2 Methyl- -chlorophenoxyacetic acid, triethanolamine salt CAS: 2459-68-7 SHA: 030512	
557M	2-Methyl- -chlorophenoxyacetic acid, triisopropanolamine salt CAS: 2459-71-2 SHA: 030515	
558	4-(2-Meth l-4-chlorophenoxy)butyric acid 4-(4- hloro-2-methylphenoxy)butyric acid 4-(4- hloro-o-tolyloxy)butyric acid MCPB (SO) Tropo ox Thist ol Cantr l CAS: 4-81-5 SHA: 19201 CFR: 30.318	
558A	4-(2-Meth l-4-chlorophenoxy)butyric acid, sodium salt CAS: 062-26-6 SHA: 019202	

CASWELL#	CHEMICAL	X-REFERENCE
559	2-(2-Meth l-4-chlorophenoxy)propionic acid Mecop op (ISO) 2-(4- hloro-2-tolyloxy)propionic acid CMPP MCPP Mecop x Mecop r CAS: 085-19-0 SHA: 031501	
559A	2-(2-Meth l-4-chlorophenoxy)propionic acid, diethanolamine salt CAS: 3404-61-8 SHA: 031516	
559B	2-(2-Meth l-4-chlorophenoxy)propionic acid, dimethylamine salt U 46 CAS: 2351-70-5 SHA: 031519	
559C	2-(2-Meth l-4-chlorophenoxy)propionic acid, isooctyl ester CAS: 8473-03-2 SHA: 031563	
559D	2-(2-Meth l-4-chlorophenoxy)propionic acid, potassium salt CAS: 929-86-8 SHA: 031503	
559DD	2-(2-Meth l-4-chlorophenoxy)propionic acid, triethanolamine salt	
559E	Methyl-2- 4((3-chloro-5-trifluoromethyl)-2-pyridinyl)oxy)phenoxy]propanoate Halox fop methyl (ANSI) Verdi t CAS: 9806-40-2	
560	Methyl-1- (5-cyanopentyl)carbamoyl]-2-benzimidazolecarbamate Cypen azole (ISO,BSI) CAS: 3559-00-4	

CASWELL#	CHEMICAL	X-REFERENCE
	Methylcyclohexenone	561AB
561AB	3-Methyl-2-cyclohexen-1-one MCH Methylcyclohexenone CAS: 1193-18-6 SHA: 219700	
	1-(2-Methylcyclohexyl)-3-phenylurea	733A
561G	8-Methyl-2-decyl propanate	
	Methyl demeton	456
561	Methyl-2,3-dibromopropionate CAS: 1729-67-5 SHA: 077706	
	Methyl-3,6-dichloro-o-anisate	408AA
561E	3-Methyl- ,5-dichloro-2-benzimidazolinone	
561F	1-Methyl- ,6-dichloro-2-benzimidazolinone	
	Methyl-3, -dichlorocarbanilate	818
	Methyl-α- -dichlorohydrocinnamate	557A
561AA	Methyl-5-(2,4-dichlorophenoxy)-2-nitrobenzoate Bifenox (ANSI) Modown MC 43 9 CAS: 2576-02-3 SHA: 04301 CFR: 80.351	
	Methyl-3-[(dimethoxyphosphinyl)oxy]-2-butenoate, (α & β isomers)	1608

CASWELL#	CHEMICAL	X-REFERENCE
561A	S-Methyl-1-(dimethylcarbamoyl)-N-[(methyl-carbamoyl)oxy]thioformimidate (CA*) Oxamyl (ANSI) Thioxamyl (ISO) Dioxamyl DuPont 1410 DPX 1410 CAS: 23135-22-0 SHA: 103801 CFR: 180.303	
	Methyl-N-[[[[(1,1-dimethylethyl)-5,5-dimethylethyl-2-thioxo-1,3,2-dioxaphosinam-2-yl)amino]thio]methylamino]carbonyl]oxy]-ethanimidothioate	900C
561D	Methyl-2-[[[(4,6-dimethyl-2-pyrimidinyl)amino]carbonyl]sulfonyl]benzoate (9CI) DPX 5648 Sulfometuron-methyl (ANSI) (ANSI) OUST CAS: 74222-97-2 SHA: 122001	
561B	Methyl-2,4-dinitro-6-(1-ethylhexyl)phenyl carbonate and Methyl-2,4-dinitro-6-(1-propylpentyl)phenyl carbonate Dinocton-o (ISO) CAS: 8069-76-9 SHA: 561400	
561C	Methyl-2,6-dinitro-4-(1-ethylhexyl)phenyl carbonate and Methyl-2,6-dinitro-4-(1-propylpentyl)phenyl carbonate Dinocton-p (ISO)	
561BB	N-Methyl-2,4-dinitro-N-(2,4,6-tribromophenyl)-6-(trifluoromethyl)benzenamine (9CI) Bromethalin (ANSI) α,α,α-Trifluoro-N-methyl-4,6-dinitro-N-2,4,6-tribromophenyl-o-toluidine Elanco CAS: 63333-35-7 SHA: 112802	
	6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one	576
562	Methyldodecylbenzyl trimethyl ammonium chloride and methyldodecyl-xylylene bis(trimethyl ammonium chloride (80% and 20% respectively) Hyamine 2389 CAS: 1399-80-0 SHA: 069129	

CASWELL#	CHEMICAL	X-REFERENCE
562A	Methyldodecylxylene bis(trimethyl ammonium chloride)	
562AA	Methyl-α-eleostearate methyl ester of (Z,E,E)-9,11,13-octadecatrienoic acid Bollex CAS: 4175-47-7 SHA: 118501	
	Methylenebis butanethiolsulfonate	1950
563	2,2'-Methylenebis(4-chlorophenol) (CA) Dichlorophene (ISO) Bis(5-chloro-2-hydroxyphenyl)methane G-4 CAS: 97-23-4 SHA: 055001 CFR: 180.204	
563A	2,2'-Methylenebis(4-chlorophenol), sodium salt CAS: 10254-48-5 SHA: 055005	
564	2,2'-Methylenebis(4,6-dichlorophenol) (CA)	
564A	Methylene bispropionate CAS: 7044-96-4 SHA: 564300	
565	Methylene bis(thiocyanate) Nalco D-1994 CAS: 6317-18-6 SHA: 068102	
566	2,2'-Methylenebis(3,4,6-trichlorophenol) (CA) Hexachlorophene G-11 CAS: 70-30-4 SHA: 044901 CFR: 180.302	

CASWELL#	CHEMICAL	X-REFERENCE
566B	2,2'-Methylenebis(3,4,6-trichlorophenol), potassium salt	
566A	2,2'-Methylenebis(3,4,6-trichlorophenol), sodium salt CAS: 5736-15-2 SHA: 044902	
567	Methylene blue CAS: 61-73-4 SHA: 039505	
568	Methylene chloride CAS: 75-09-2 SHA: 042004	
568A	1,1'-Methylenedi-2-naphtol, monosodium salt Squaxin Sonar CAS: 38827-66-6 SHA: 057102	
	1,2-(Methylenedioxy)-4-[2-(octylsulfinyl)propyl]benzene	615
	S,S'-Methylene ester of 1-butanesulfonothioic acid	195D
	2-(Methyleneimino)ethanol	489A
	S,S'-Methylene O,O,O',O'-tetraethylphosphorodithioate	427
	2-(1-Methylethoxy)phenylmethylcarbamate	508
	1-Methylethyl-4-bromo-α-(4-bromophenyl)-α-hydroxybenzeneacetate	511A
	1-Methylethyl-2-[(chloro-1-methylethyl-amino-phosphinothioyl)oxy]benzoate	801E
568D	3-(1-Methylethyl-N-(3,5-dichlorophenyl)-2,4-dioxo-1-imidazolidine carboxamide	
568I	1-Methylethyl-2-[[ethoxy(1-amino)phosphinothioyl]oxy]benzoate Des-N Isopropyl oftanol	

CASWELL#	CHEMICAL	X-REFERENCE
568H	1-Methylethyl-2-[[ethoxy(amino)phosphinoxy]oxy]benzoate Des-N-Isopropyl oftanol oxygen analog	
	1-Methylethyl-2-[[ethoxy[(1-methylethyl)amino]phosphinothioyl]oxy]benzoate	447AB
568G	1-Methylethyl-2-[[ethoxy[(1-methylethyl)amino]phosphinoxy]oxy]benzoate Oftanol oxygen analog CAS: 25311-71-1	
	(E)-1-Methylethyl 3-[[(ethylamino)methoxy-phosphinothioyl]oxy]-2-butenoate	706A
568E	Methylethyl hydantoin Ethylmethyl hydantoin EMH	
569	Methyl ethyl ketone CAS: 78-93-3 SHA: 044103	
	2-(1-Methylethyl)phenyl methylcarbamate	512B
	α-(1-methylethyl-α-[4-trifluoromethoxyphenyl]-5-pyrimidine methanol	266D
569A	Methyl eugenol 4-Allylveratrole 1,2-Dimethoxy-4-allylbenzene Eugenol, methyl ether CAS: 93-15-2 SHA: 203900	
579AB	Methyl eugenol - Malathion	
569B	Methyl fluoroacetate MFA	
570	Methyl formate CAS: 107-31-3 SHA: 053701	

CASWELL#	CHEMICAL	X-REFERENCE
571	2-Methyl-3-furanilide Furanil (ISO PROP) CAS: 83542-76-1 SHA: 571100	
	Methyl-[[[2-[(2-furanylmethylene)amino]phenyl]amino]thioxomethyl]carbamate	465N
	Methyl-4-[o-(furfurylideneamino)phenyl]-3-thioallophanate	465N
570B	Methyl glucoside	
568F	Methyl guanidine sulfate	
570A	4-Methyl-3-heptanol CAS: 4979-39-6 SHA: 571200	
570C	Methyl heptenone (80% 6-methyl-5-hepten-2-one and 20% 2-methyl-1-hepten-6-one)	
572C	2-Methyl- -hepten-6-one	
572B	6-Methyl- -hepten-2-one	
570AA	4-Methyl eptin carbonate	
	2-(1-Methylheptyl)-4,6-dinitrophenyl crotonate	391D
	Methyl-5-hydroxy-2-benzimidazole carbamate	079E
	Methyl-p-hydroxybenzoate	573PP
	Methyl-m-hydroxycarbanilate-m-methylcarbanilate	648B
	Methyl-3-hydroxy-α-crotonate, dimethyl phosphate ester	160B
	Methyl-18 β-hydroxy-11,17-α-dimethoxy-3-β-20-α-yohimban-16-β-carboxylate-3,4,5-trimethoxybenzoate ester	722A

CASWELL#	CHEMICAL	X-REFERENCE
557B	Methyl-9 ydroxyfluorene-9-carboxylate and Methyl-2-chloro & 2,7 dichloro-9-hydroxyfluorene-9-carboxylate Dich rflurenol, methyl ester CF-1 IT 3 6 Posa Main in CF 125 CAS: 536-31-4 SHA: 098801	
	o-Methyl- 1-hydroxy-2,2,2-trichloroethyl)phosphonate	278E
	N,N'-[(m hylimino)dimethylidyne]bis[2,4-xylidine]	374A
	Methyl i butyl ketone	574AA
572D	N-Methyl onicotinic acid methylsulfate	
	Methyl i propyl ketone	555A
	Methyl-6- 4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-m-toluate	003G
	3-Methyl- -isopropylphenyl methylcarbamate	271C
572F	2-Methyl- -isothiazolin-3-one CAS: 682-20-4	
572A	2-Methyl- -isothiazolin-3-one calcium chloride CAS: 682-20-4 SHA: 107104	
573	Methyl i thiocyanate Vort CAS: 56-61-6 SHA: 068103	
	3-Methyl-2-isoxazoline-4,5-dione-4-[(2-chlorophenyl)hydrazone]	207C

CASWELL#	CHEMICAL	X-REFERENCE
572E	3-Methyl-2-isoxazoline-4,5-dione-4-[(3-chlorophenyl)hydrazone] Metazoxolon (ISO,BSI)	
573U	4-Methyl-mercapto-m-cresol	
	N-Methylmercuri-1,2,3,6-tetrahydro-3,6-methano-3,4,5,6,7,8-hexachlorophthalamide	480A
573A	Methylmercury acetate CAS: 08-07-6 SHA: 051903	
573B	Methylmercury benzoate CAS: 626-13-9 SHA: 051904	
	Methylmercury dicyanodiamide	268
573C	Methylmercury 2,3-dihydroxypropylmercaptide CAS: 597-95-7 SHA: 051905	
3 573D	Methylmercury hydroxide CAS: 184-57-2 SHA: 051906	
573E	Methylmercury nitrile CAS: 597-97-9 SHA: 051907	
573F	Methylmercury pentachlorophenoxide	
573G	Methylmercury propionate CAS: 703-10-6 SHA: 051908	
573H	Methylmercury 8-quinolinolate Metas CAS: 6-85-1 SHA: 051902	

CASWELL#	CHEMICAL	X-REFERENCE
573Q	Methyl-1 [[3-[[(2-methoxycarbonyl)amino]benzimidazol-1-yl]carbonyl]amino]-4-methylphenyl]carbamoyl]-2-benzimidazolécarbamate Dimethyl-[4-methyl-1,3-phenylenebis(iminocarbonyl-1H-benzimidazole-1,2-diyl)]biscarbamate IF 2 CAS: 51543-98-7 SHA: 104701	
	Methyl-2 [[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]sulfonyl]benzoate	419H
573S	Methyl-3 [((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]sulfonyl-2-thiophenecarboxylate 2-Thiophenecarboxylic acid,3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]-sulfonyl, methyl ester DPX 5316 INM 316 CAS: 79277-27-3 SHA: 128845	
	Methyl-N (((methylamino)carbony)oxy)ethanimidothioate	549C
	S-Methyl N-[(methylcarbomyl)oxy]thioacetimidate	549C
	7-Methyl 3-methylene-1,6-octadiene	584G
	(1R-cis) 1-Methyl-2-(1-methylethenyl)cyclobutane ethanol	471AB
	S-Methyl 2-(1-methylheptyl)-4,6-dinitrophenyl	392E
573J	Methyl-2-(1-methylheptyl)-4,6-dinitrophenyl carbonate Dinocton (ISO) CAS: 5386-68-5 SHA: 573100	
	2-Methyl 2-(methylsulfonyl)propanal-O-[(methylamino)carbonyl]oxime	011AA
	Methyl 1-[[2-(methylthio)ethyl]amino]carbonyl]-1H-benzimidazol-2-yl carbamate	573TU
573TU	Methyl 1-[2-(methylthio)ethylcarbomyl]-2-benzimidazolecarbamate Methyl 1-[[[2-(methylthio)ethyl]amino]carbonyl]-1H-benzimidazol-2-yl carbamate Mecarbinzid (ISO,BSI) CAS: 7386-64-7	

CASWELL#	CHEMICAL	X-REFERENCE
573T	S-Methyl- -(methylthio)phenyl(1-methylethyl)phosphoramidate	
	2-Methyl- -(methylthio)propionaldehyde-O-(methylcarbamoyl)oxime	011A
573R	Methylnap thalene	
573K	2-Methyl- -naphthaleneacetamide	
573L	2-Methyl- -naphthaleneacetic acid	
573M	2-Methyl naphthalenesulfonate CAS: 3466-99-2 SHA: 079039	
	N-(2-Meth l-1-naphthyl)maleimide	902AA
	2-Methyl- -nitroimidazole-1-ethanol	579AA
	Methyl-4- itrophenol	816B
573N	2-Methyl- -nitro-1,3-propanediol CAS: 7-49-6 SHA: 573900	
573NN	O-Methyl- -nitro-p-tolyl isopropylphosphoroamidothioate Amipr fos-methyl (ISO PROP) NTN 67 NTN 73 Tokur l M CAS: 6001-88-4	
573I	Methyl-[(methoxycarbonyl)sulphanilyl]carbamate Carb ulam (ISO) CAS: 773-37-1 SHA: 573800	
	Methyl-2- [[[N-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)-N-methyl-amino]carbonyl]amino]sulfonyl]benzoate	419S

CASWELL#	CHEMICAL	X-REFERENCE
5730	Methyl nonyl ketone	
	2-Undecanone	
	CAS: 112-12-9	
	SHA: 044102	
573P	N-Methyl N-oleyltaurate	
	CAS: 14826-94-9	
	SHA: 079042	
573PP	Methyl paraben (CA)	
	Methyl-p-hydroxybenzoate	
	CAS: 99-76-3	
	SHA: 061201	
	Methyl parathion	372
574	2-Methyl 2,4-pentanediol (CA)	
	Hexylene glycol	
	CAS: 107-41-5	
	SHA: 068601	
3		
574E	2-Methylpentanol	
4		
574AA	4-Methyl-2-pentanone	
	Isopropyl acetone	
	Methyl isobutyl ketone	
	CAS: 108-10-1	
	SHA: 044105	
	Methyl phenkapton	362A
574H	para-Methylphenylethyl-(2,7)-phenoxyglycol(17)-ether	
	EM 3	
574G	para-Methylphenylethyl-(2,7)phenoxypolyglycol(27)-ether	
	EM 3	
	2-[Methyl 2-phenylpropyl]distannoxane	481DD

CASWELL#	CHEMICAL	X-REFERENCE
574A	3-Methyl- -phenylpyrazol-5-yl dimethylcarbamate (CA) Pyrolan G-220 8 CAS: 7-47-8 SHA: 574200	
574C	1-Methyl- -phenylpyridinium chloride Cyperquat chloride (ANSI) S 216 4 CAS: 9794-99-5 SHA: 271700	
574D	3-(4-Methylphenylsulfonyl)-2-propenenitrile CAS: 424-48-2	
	1-Methyl- -phenyl-5-[3-(trifluoromethyl)phenyl]-4(1H)-pyridinone	130C
574F	3-Methylphosphinico-propionic acid HOE 6 517	
574B	O-Methyl phosphoramidothioate, O-ester with isopropyl salicylate Bay 9 820 CAS: 24353-61-5 SHA: 574300	
	Methylpiperidine HCl	380AB
575	3-(2-Methylpiperidino)propyl-3,4-dichlorobenzoate (CA) Pipron Piperalin CAS: 3478-94-2 SHA: 097003	
	N-(2-Methyl-2-propenyl)-2,6-dinitro-N-propyl-4-(trifluoromethyl)benzenamine	548A
	2-(1-Methylpropyl)-4,6-dinitrophenol	392DD
575B	Methyl propyl ketone	

CASWELL#	CHEMICAL	X-REFERENCE
575AA	6-Methyl 2-propyl-4-pyrimidinyl dimethylcarbamate Pyramat CAS: 2532-49-2 SHA: 575300	
575A	1-Methyl-2-propynyl-m-chlorocarbanilate Chlorbufam (ISO) CAS: 1967-16-4 SHA: 575200	
575C	3-Methylpyrazole XRD-474 CAS: 1453-58-3	
575AAA	N-Methylpyrrolidone	
	3-(1-Methyl-2-pyrrolidyl)pyridine	597
576B	6-Methyl 2,3-quinoxalinedithiol	
576	6-Methyl 2,3-quinoxalinedithiol cyclic S,S-dithiocarbonate 6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one (CA*) Forstan Morestan Oxythioquinox Chinomethionat (ISO) Quinomethionate (BSI) Bay 36205 CAS: 2439-01-2 SHA: 054101 CFR: 180.338	
576A	Methylrosaniline chloride Gentian Violet SHA: 098401	
577	Methyl salicylate CAS: 119-36-8 SHA: 076601	

396

397

CASWELL#	CHEMICAL	X-REFERENCE
577A	1-Methyl- -(2-steramidoethyl)-2-heptadecyl-2-imidazolinium methyl sulfate CAS: 3470-50-3	
	Methyl sulfanilylcarbamate	062A
	Methyl sulfanilylcarbamate, sodium salt	062B
	2-(Methylsulfinyl)-2',6'-diethylacetanilide	259H
	3-(Methylsulfonyl)-2-butanone-O-(methylcarbamoyl)oxime	120A
	2-(Methylsulfonyl)-2',6'-diethylacetanilide	259I
578	4-(Methylsulfonyl)-2,6-dinitro-N,N-dipropylaniline (CA) Planavin Nitralin (ISO,BSI) SD 11 31 CAS: 726-14-1 SHA: 037601 CFR: 180.237	
578A	Methyl-2,3,5,6-tetrachloro-N-methoxy-N-methylterephthalamate OCS 2 693 CAS: 4419-01-3	
578AA	Methylthio-2-butanone-o-[(methylamino)carbonyl]oxime Butocarboxim 2-(methylthio)-O-[(methylamino)carbonyl]oxime-2-butane CAS: 4861-10-2 SHA: 578300	
	Methylthioacetate	584D
578AAA	3-(Methylthio)-2-butanone O-(methylcarbamoyl)oxime Butocarboxim (ISO,BSI) CAS: 4681-10-2	
578F	4-Methylthio-m-cresol	

CASWELL#	CHEMICAL	X-REFERENCE
578D	4-Methylthio-m-cresol sulfone	
578E	4-Methylthio-m-cresol sulfoxide	
578AB	2-(Methylthio)-4-(ethylamino)-6-[(1,2-dimethylpropyl)amino)-s-triazine CAS: 22936-75-0 SHA: 080815	
	2-(methylthio)-O-[(methylamino)carbonyl]oxime-2-butane	578AA
578B	4-(Methylthio)-3,5-xylyl methylcarbamate Methiocarb (BSI) 3,5-Dimethyl-4-(methylthio)phenylmethylcarbamate (CA*) Bay 7344 Mesurol Mercaptodimethur Metmercapturon CAS: 2032-65-7 SHA: 100501	
	5-Methyl 1,2,4-triazolo[3,4-b]benzothiazole	884C
578C	2-Methyl 4-[m-(trifluoromethyl)phenyl]tetrahydro-1,2,4-oxadiazine-3,5-dione Flumezin (ISO) CAS: 25475-73-4 SHA: 578400	
	N-[4-Methyl-3-[[(trifluoromethyl)sulfonyl]amino]phenyl]acetamide	889B
	2,2'-(1-Methyltrimethylenedioxy)bis(4-methyl-1,3,2-dioxaborinane)	627
578G	2,2,-(1-Methyltrimethylenedioxy)Bis(4-Methyl-1,3,2-Dioxaborinane) Biobor JF (Part, See CAS #627) CAS: 2665-13-6	
	Methyl Trithion	212
	8-Methyl N-vanillyl-6-nonenamide	158

CASWELL#	CHEMICAL	X-REFERENCE
579D	Methyl violet	
	Metiltriazotion	374
	Metiram	041A
	Metmercapturon	578B
579A	Metobromuron (ANSI)	
	3-(p-Bromophenyl)-1-methoxy-1-methylurea (CA)	
	Patoran	
	CAS: 3060-89-7	
	SHA: 035901	
	CFR: 180.250	
	Metolachlor	188DD
	Metoxuron	194B
	Metribuzin	033D
	Metron	372
579AA	Metronidazole	
	2-Methyl-5-nitroimidazole-1-ethanol	
	Bayer 5630	
	Flagyl	
	CAS: 443-48-1	
	SHA: 120401	
579E	Metsulfovax (ANSI)	
	2,4-Dimethyl-N-phenyl-5-thiazolecarboxamide	
	2,4-Dimethyl-5-thiazolecarboxanilide	
	CAS: 21452-18-6	
	Metsulfuron-methyl	419H
	Mevinphos	160B

CASWELL#	CHEMICAL	X-REFERENCE
579B	Mexacarbate (ANSI) 4-(Dimethylamino)-3,5-xylylmethylcarbamate (CA) 4-(Dimethylamino)-3,5-dimethylphenyl methylcarbamate (CA*) Zectran CAS: 315-18-4 SHA: 044201 CFR: 180.320	
	MFA	569B
	MGK 264	613
	MGK 326	400
	MGK fly attractant	714EA
	MGK R-11	089
	MGK R-874	489B
	MGK R-1207	215
	MH	352
	Mico-Fume	840
	Microbicide M-8	613C
	Microbiocide 886	195C
	Micro-cel	734A
	Micromite	399F
	Microsporidium 1316	031B
	Milbam	931

CASWELL#	CHEMICAL	X-REFERENCE
	Milban	268E
	Milgo	128H
	Miller 531	134AA
	Miller 658	259
579C	Milneb (ANSI) 3,3'-Ethylenebis(tetrahydro-4,6-dimethyl-2H-1,3,5-thiazine-2-thione) CAS: 3773-49-7 SHA: 579400	
	Milocep (part, see casw 184)	188DD
	Milocep (part, see casw 188DD)	184
	Milogard	184
	Milstem	128H
580	Mineral oil CAS: 8012-95-1	
580AA	Mineral seal oil CAS: 8012-95-1 SHA: 063502 CFR: 180.149	
	Mipafox	356B
	Miral	195AAA
	Mirex	411
	Mitin CH-3374	830
	Mitin CH-3667	830

CASWELL#	CHEMICAL	X-REFERENCE
	Mitin FF	755C
	Mitin NWE	830
	Mitox	173
	Mixture of manganese ethylenebisdithio-carbamate and zinc ethylenebisdithiocarbamate	902D
	MK-239	125K
580G	MK-616	
	Mobam	081D
	Mocap	434C
580J	Modified cellulose gum	
	Modown	561AA
528BB	M-18-OL Dimethyl caprylamide	
	Molinate	444
	MON 15100	717C
	Mon 4620	005B
	Mon-4660	298B
	MON 8000	471ABB
	Monalide	188AA
	Monceren	638A
	Monitor	378A

CASWELL#	CHEMICAL	X-REFERENCE
580F	Mono 4601	
580H	Monoalkyl*-methylated ammonium chloride *(C8-C18 from coconut, cottonseed, soya and hogfat fatty acids)	
580I	Monoammonium-2-amino-4-(hydroxymethylphosphinyl)butanoate HOE 39866 Ignite (ANSI) Glufosinate CAS: 77182-82-2 SHA: 128850	
580C	Monoammonium methanearsonate MAMA Ansar 157 CAS: 2321-53-1 SHA: 013808	
	Monocalcium m-arsenite	138
580K	Monochlorobenzene CAS: 108-90-7	
580DD	Monochlorotoluene	
	Monocrotophos	377
580E	Monoethanolamides of the fatty acids of coconut oil SHA: 079036	
581	Monoglyceryl p-aminobenzoate CAS: 29593-08-6 SHA: 009102	
581C	8-Monohydro Mirex Photomirex	
581D	10-Monohydro Mirex	

CASWELL#	CHEMICAL	X-REFERENCE
	Monolinuron	207D
	Monometflurazon	195AA
581B	Monopersulfate	
581A	Monopotassium peroxymonosulfate Oxone	
582	Monosodium acid methanearsonate MSMA Ansar 170 CAS: 2163-80-6 SHA: 013803	
582C	Monosodium cyanurate	
582B	Monosodium glutamate CAS: 142-47-2	
582A	Monosodium phosphate CAS: 7558-80-7	
583	Monuron (ANSI) 3-(p-Chlorophenyl)-1,1-dimethylurea Telvar CAS: 150-68-5 SHA: 035501	
583A	Monuron trichloroacetate 3-(p-Chlorophenyl)-1,1-dimethylurea trichloroacetate Urox CAS: 140-41-0 SHA: 035502	
	Morestan	576
	Morfamquat	094AA

CASWELL#	CHEMICAL	X-REFERENCE
	Morkit	052A
	Morocide	086
584	Morpholine CAS: 110-91-8 SHA: 054701	
584AB	Morpholinomethyl dimethyldithiocarbamate Carbamorph (ISO,BSI) CAS: 31848-11-0	
	Morphothion	371
	Morton EP 452	648B
	MPBA	651D
584F	MPBES (RS)-α-(3-Phenoxybenzoyl)-3-phenoxybenzyl-(R)-2-[2-chloro-4-(trifluoromethyl)anilino-3-methylbutanoate	
	MPMT	098
	MSMA	582
584D	MTA Methylthioacetate	
584E	MU-1 5-OH-MSO2 2-[1-(Ethoxyimino)butyl]-5-[2-(ethylsulfonyl)propyl]-3,5-dihydroxy-2-cyclohexen-1-one	
584A	Muchloric anhydride CAS: 4412-09-3 SHA: 584200	
	Multilure	365B

CASWELL#	CHEMICAL	X-REFERENCE
	Multimate-methyl alkenol	801F
	Multistriatin	365B
	Murfotox	340
	Murotox	340
	Muscalure	883C
	Muscamone	883C
	Muscatox	335
584C	MV 678 AT3 36206 1-(8 Methoxy-4,8-dimethylnonyl)-4-(1-methylethyl)benzene Pro-Drone CAS: 53905-38-7 SHA: 119501	
	Mycar	482AA
	Myclobutanil	723K
584H	Mycoleptodiscus terrestris	
584B	Mylar tape CAS: 25038-59-9	
	Mylone	840
584G	Myrcene 7-Methyl-3-methylene-1,6-octadiene CAS: 123-35-3	
	Myricyl alcohol	733B

CASWELL#	CHEMICAL	X-REFERENCE
584BB	Myristyl alcohol CAS: 112-72-1	
	Mytrol	462A
	N-2788	454B
	NAA	589
585	Nabam (ANSI) Disodium ethylene bisdithiocarbemate Chem Bam Dithane D-14 Dithane A-40 CAS: 142-59-6 SHA: 014503	
585A	Nabe	
	NABU	072A
585B	NAK-1654 (-)-(Pentafluorophenyl(1R-trans)-3-(2,2-dichloro-ethenyl)-2,2-dimethylcyclopropanecarboxylate	
	Nak-4455	723Q
	Nak-4455	075F
	Nalco D-1994	565
586	Naled (ANSI) 1,2-Dibromo-2,2-dichloroethyl dimethylphosphate Dibrom CAS: 300-76-5 SHA: 034401 CFR: 180.215	
	Nalflow 2170 (part, see casw 016C)	019FF

CASWELL#	CHEMICAL	X-REFERENCE
	Nalflow 170 (part, see casw 019FF)	
	Nankor	016C
587	Naphthalene (CA) CAS: 91-20-3 SHA: 055801	724
588	1-Naphthaleneacetamide (CA) Rootone CAS: 86-86-2 SHA: 056001 CFR: 180.309	
589	1-Naphthaleneacetic acid (CA) NAA Fruitone N Phyomone CAS: 86-87-3 SHA: 056002 CFR: 180.155	
589A	1-Naphthaleneacetic acid, ammonium salt CAS: 25545-89-5 SHA: 056004	
589AA	1-Naphthaleneacetic acid, ethyl ester CAS: 2122-70-5 SHA: 056008 CFR: 80.155	
589B	1-Naphthaleneacetic acid, methyl ester (CA) CAS: 5-08-5 SHA: 056005	
589C	1-Naphthaleneacetic acid, potassium salt CAS: 5146-99-3 SHA: 056003	

CASWELL#	CHEMICAL	X-REFERENCE
589D	1-Naphthaleneacetic acid, sodium salt CAS: 61-31-4 SHA: 056007	
589F	Naphthalene-formaldehyde condensate	
589G	Naphthalene sulfonate	
	Naphthalophos	495AA
589E	Naphthathenic soap CAS: 1790-13-4 SHA: 589600	
	β-Naphtho	590
590C	1-Napthol CAS: 0-15-3	
590	2-Naphtho β-Naphthol CAS: 35-19-3 SHA: 010301	
591	β-Naphthoxyacetic acid (CA) BNOA CAS: 20-23-0 SHA: 55601 CFR: 80.148	
590D	(2-Naphthoxy)acetic acid, sodium salt	
590A	2-(1-Naphthoxy)-N,N-diethylpropionamide (CA) Napropamide (ISO PROP) N,N-Diethyl-2-(1-naphthalenyloxy)propanamide (CA*) Weyle R 74 Devrinol CAS: 5299-99-7 SHA: 03001 CFR: 80.328	

CASWELL#	CHEMICAL	X-REFERENCE
590B	1-Naphthyl-N-Hydroxymethyl Carbamate	
	1-Naphthyl methylcarbamate	160
	1-Naphthyl-N-methylcarbamate	160
592	N-1-Naphthylphthalamic acid (CA)	
	Alanap-1	
	Naptalam (ISO)	
	NPA	
	Dyanap (part, see casw 392DD)	
	CAS: 132-66-1	
	SHA: 030702	
	CFR: 180.297	
593	N-1-Naphthylphthalimide (CA)	
	Alanap-2	
	CAS: 5333-99-3	
	SHA: 030701	
028	α-Naphthylthiourea	
	ANTU (ISO)	
	1-(1-Naphthyl)-2-thiourea	
	CAS: 38727-55-8	
	SHA: 116701	
	1-(1-Naphthyl)-2-thiourea	028
	Napropamide	590A
	Naptalam	592
	Naramycin	270A
	Narlene	127A
	Natrin	798

CASWELL#	CHEMICAL	X-REFERENCE
	Navadel	393
	NC-5016	654A
	NC-6897	360B
593B	NC-7312 6-Hydroxybendiocarb	
	NC-8438	427BB
593A	NC-21314 3,6-Bis(2-chlorophenyl)-1,2,4,5-tetrazine Clofentezine (ANSI) Apoll CAS: 4115-24-5 SHA: 125501	
594	Neburon (ANSI) 1-Butyl-3-(3,4-dichlorophenyl)-1-methylurea Kloben CAS: 555-37-3 SHA: 012001	
594A	Neem extract Azadirachtin Margosan-O CAS: 92-20-1 SHA: 121701	
	Neguvon	385
	Nellite	654B
	Nemacide	321
	Nemacur	453A

CASWELL#	CHEMICAL	X-REFERENCE
	Nemacur sulfoxide	452G
	Nemafos	345
	Nemagard	060B
	Nemagon	287
	Nemanex	287
	Nem-A-Tak	268BB
	Nemax	214
	Nemex	324
	Nemispor	913A
	Neobor	108
	Neodecanoic acid	365A
	Neodol-25 3S	742A
595	Neomycin CAS: 1404-04-2 SHA: 006303	
595A	Neomycin sulfate CAS: 405-10-3 SHA: 006313	
	Neopynamin	844
	Neoron	511A
	Neostanox	481DD

CASWELL#	CHEMICAL	X-REFERENCE
	Neotran	091
595B	Nerolidol 3,7,11-Trimethyl-1,6,10-dodecatriene-3-ol Terpene alcohol CAS: 7212-44-4	
556J	Nerolidol farnesol Stirrup M	
	NF 44	375A
	NIA 1240	427
	NIA 5767	422
	NIA 5961	201A
	NIA 5996	297
	NIA 10637	446B
	NIA 17370	083E
	Niagara 1137	093A
	Niagaramite	131
	Nialate	427
	Nip-A-Thin 602	780A
	Nibroxane	116AA
596B	Nickel sulfate anhydrous Dithane S-31 (part, see casw 539) CAS: 7786-81-4	

CASWELL#	CHEMICAL	X-REFERENCE
596A	Nickel sulfate complex of 1-(2-aminoethyl)-2-alkyl*-2-imidazoline acetate *(fatty acids of tall oil) SHA: 046606	
596	Nickel sulfate hexahydrate CAS: 10101-97-0 SHA: 050505	
	Niclofen	323D
	Niclosamide	314
596C	Nicotinamide	
597	Nicotine 3-(1-Methyl-2-pyrrolidyl)pyridine CAS: 54-11-5 SHA: 056702 CFR: 180.167	
597A	Nicotine sulfate Black leaf 40 garden spray CAS: 65-30-5 SHA: 056703	
598	Nicotinic acid CAS: 59-67-6 SHA: 056701	
	Nifluridide	419AA
	Nimrod	119AAA
	Nip	323D
	Niran	174
	Nitralamine hydrogen chloride	731H

CASWELL#	CHEMICAL	X-REFERENCE
	Nitralin	578
	Nitrapyrin	217
601	2-Nitro-1-butanol (CA) CAS: 609-31-4 SHA: 056901	
598C	Nitrilacarb (ANSI) 4,4-Dimethyl-5-[[[methylamino]carbonyl]oxy]imino]pentanenitrile AC 72,613 CAS: 29672-19-3	
598B	Nitrile rubber Acrylonitrile-methylacrylate copolymers CAS: 24968-79-4	
598A	Nitrilotriacetic acid NTA	
599A	a-Nitroanisole	
600	Nitrobenzene (CA) CAS: 98-95-3 SHA: 056501	
	2-Nitro-1,1-bis(p-chlorophenyl)butane and 2-nitro-1,1-bis(p-chlorophenyl)propane	092A
	2-Nitro-2-bromo-1,3-propanediol	116A
601AA	2-Nitro-1-butanol phosphate Visco p-25-F	
601A	4-(2-Nitrobutyl)morpholine 4,4'-(2-Ethyl-2-nitrotrimethylene)dimorpholine Bioban P-1487 CAS: 2224-44-4 SHA: 100801	

CASWELL#	CHEMICAL	X-REFERENCE
601AC	Nitrocellulose CAS: 9004-70-0	
601B	p-Nitro-m-cresol-0,0-dimethylchloro-thiophosphate	
601BB	N-[α-(Nitroethyl)benzyl]ethylenediamine, potassium salt Metasol J-26 CAS: 53404-62-9	
601BC	2-Nitro-2-ethyl-1,3-propanediol CAS: 597-09-1	
	Nitrofen	323D
601BD	Nitrofluorfen (ANSI) 2-Chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene 2-Chloro-α,α,α-trifluoro-p-tolyl-p-nitrophenyl ether RH 2512 CAS: 42874-01-1	
601BE	Nitrofurazone 5-Nitro-2-furaldehyde semicarbazone	
	3-(5-Nitrofurfurylideneamino)-2-oxazolidinone	465M
601AB	Nitrogen CAS: 7727-37-9	
602A	p-Nitroperoxybenzoic acid CAS: 943-39-5 SHA: 597100	
603	p-Nitrophenol CAS: 100-02-7 SHA: 056301	
	p-Nitrophenylcarbamate	718AA
604B	p-Nitrophenyl-2-nitro-4-(trifluoromethyl)phenyl ester CAS: 15457-05-3	

CASWELL#	CHEMICAL	X-REFERENCE
	N-(4-Nitrophenyl)-N'-(3-pyridinylmethyl)urea	718B
603A	O-(4-Nitrophenyl)-O-phenyl methylphosphono-thioate	
603B	4-Nitrophenyl-2,4,6-trichlorophenyl ether Chlornitrofen (ISO,BSI) CAS: 1836-77-7	
	p-Nitrophenyl-α,α,α-trifluoro-2-nitro-p-tolyl ether	462AA
604G	Nitropropane CAS: 108-03-2	
604H	2-Nitropropane-1,3-diol	
604	(2-Nitropropenyl)benzene 2-Nitro-1-phenyl-1-propene CAS: 705-60-2 SHA: 056302	
604AA	4-Nitropyridine-N-oxide Avitrol 100 CAS: 1124-33-0 SHA: 597300	
604D	Nitrosamine	
604AAA	N-Nitrosocarbaryl	
604I	N-Nitrosoglyphosate	
604AAB	N-Nitrosoglyphosate, sodium salt CP 76100	
604BB	β-Nitrostyrene	
	4-Nitro-3-(trifluoromethyl)phenol	890

CASWELL#	CHEMICAL	X-REFERENCE
	2-Nitro-1-phenyl-1-propene	604
	NIA-IJ242	160A
	NL NPV	607AC
	No Bunt	477
	No-Crab	125E
	Nodon	477A
	No Go	132B
605B	Nomate blockade	
	Nomate borer-Gard	609AB
	Nomate PBW	471AAA
	Nomate Shootgard	411B
	Nomersan	856
604F	Nomuraea rileyi	
604E	trans-Nonachlor	
604J	Nonyl acetate	
605C	Nonylphenol block polymers with POP and POE	
605D	Nonylphenol ethoxylate	
604C	α-(p-Nonylphenol)-Ω-hydroxypoly(oxyethylene)sulfate	
605	Nonylphenoxypolyethoxyethanol CAS: 016-45-9 SHA: 079005	

CASWELL#	CHEMICAL	X-REFERENCE
	Nonylphenoxypolyethoxyethanol-iodine complex	0288
0288	α-(p-nonylphenyl)-ω-hydroxypoly(oxyethylene iodine complex)	
	Nonylphenoxypolyethoxyethanol-iodine complex	
	CAS: 5860-86-7	
	SHA: 046903	
	Nopalmite e	692B
	Nopcocide DS 649	833B
	Nor-Am	271C
606	Norbormide (ANSI)	
	5-(α-hydroxy-α-2-pyridylbenzyl)-7-(α-2-pyridylbenzylidene)-5-norbornene-2,3-dicarboximide	
	Raticate	
	Shoxi	
	CAS: 91-42-4	
	SHA: 086201	
607	Norea (ANSI)	
	3-(Hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea	
	1,1-Dimethyl-3-(hexahydro-4,7-methanoindan-5-yl)urea	
	Herba	
	Hercules 7531	
	Noruron (ISO)	
	CAS: 8530-56-8	
	SHA: 35801	
	CFR: 80.260	
	Norex	217B
	Norflurazon	195AA
607D	Nor-methyl sethoxydim sulfoxide	
	Nor-MSO	
	Me-MS	

CASWELL#	CHEMICAL	X-REFERENCE
	Nor-MSO	607D
	Nortron	427BB
	Noruron (ISO)	607
607A	Nosema locustae Locustide SHA: 117001 CFR: 180.104	
	Nova	723K
	Novamet 32	265B
	Novege	425
	Novex	851
	Novostat	198A
	NP 48	025AA
	NP-55	072A
	NPA	592
	NPD	845A
	NPH	6751
	NPV Autographa Californica	607AA
	NPV Douglas fir tussock moth	607AF
	NPV Gypsy moth	607AE
	NPV Heliothis Zea	607AB

CASWELL#	CHEMICAL	X-REFERENCE
	NPV Neod rion Leconti	607AC
	NRDC 16	463B
	NRDC 143	652BB
	NRDC 149	271DD
	N-serve	217
	NS NPV	607AD
	NTA	598A
	NTN 2875	573NN
	NTN 3318	271G
	NTN 6867	573NN
	NTN 8629	714N
	NTN 19701	638A
	N-Trap R lm bark beetle attractant	365B
	Nuarimol	419G
607AA	Nuclear polyhedrosis virus autographa californica NPV A tographa Californica AC NP	
607AB	Nuclear polyhedrosis virus of heliothis zea NPV H liothis Zea HZ NP SHA: 07301	

CASWELL#	CHEMICAL	X-REFERENCE
607AE	Nuclear polyhedrosis virus lymantria dispar NPV Gypsy moth Gypchek	
607AC	Nuclear polyhedrosis virus of neodiprion leconti NPV Neodiprion Leconti NL NPV	
607AD	Nuclear polyhedrosis virus of neodiprion sertifer NS NPV European Pine Sawfly NPV SHA: 107305	
607AF	Nuclear polyhedrosis virus orygia pseudotsugata NPV Douglas fir tussock moth	
	Nudrin	549C
	Nu-Lawn Weeder	119
	Nuosept 5 (part, see casw 495AB & 494CA)	495AD
	Nuosept 5 (part, see casw 494CA & 495AD)	495AB
	Nuosept 5 (part, see casw 495AB & 495AD)	494CA
607BB	Nuostabe /-1366	
	Nuster	419K
607E	Nylon polymer CAS: 008-75-7	
607C	Nylon polymer-cross linked Polymethylene polyphenylisocyanate	
607B	Nystatin Zydin E CAS: 400-61-9 SHA: 202800	

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CASWELL#	CHEMICAL	X-REFERENCE
	OBPA	626B
	OCS 21693	578A
	OCS-21799	216F
	Octachlor	174
608	Octachlor -2-cyclohexen-1-one	
	CAS: 3535-35-6	
	SHA: 025903	
609	Octachlor hexahydro-4,7-methanoisobenzofuran	
	Telod in	
	Isobe zan (ISO,BSI)	
	CAS: ?7-78-9	
	SHA:)58501	
	Octachlor -4,7-methanotetra-hydroindane	174
609AB	(E,Z)-3,1 -Octadecadien-1-ol-acetate	
	Nomat borer-Gard	
	(Z,Z) 3,13-Octadecadien-1-ol acetate	
	Exitl re	
	Z,Z-O DA	
	CAS: 3120-27-7	
	SHA: 117201	
	(Z,Z) 3,1 -Octadecadien-1-ol acetate	609AB
	Octadecan ic acid	801D
609B	Octadecyl 3,5-di-tert-butyl-4-hydroxyhydrocinnamate	
	Irgan x	
	CAS:)82-79-3	
	Octalox	333

CASWELL#	CHEMICAL	X-REFERENCE
609A	1,1'-Octamethylenebis(guanidine) Guanoctine CAS: 19010-48-1 SHA: 597400	
610	Octamethylpyrophosphoramide (CA) Schradan (ISO) OMPA CAS: 152-16-9 SHA:)58601 CFR: 180.166	
	Octanoic acid ester of 3,5-dibromo-4-hydroxybenzonitrile	119A
	n-Octanol	611A
611A	1-Octanol n-Octanol Octyl alcohol CAS: 11-87-5 SHA: 079037	
	Octhilinone	613C
611B	Octyl acetate	
	Octyl alcohol	611A
612	Octylammonium methanearsonate CAS: 379-37-9 SHA: 013804	
	4-Octyl-1 3-benzenediol	614D
613	N-Octyl bicycloheptenedicarboximide N-2-Ethylhexyl bicycloheptenedicarboximide MGK 2 4 CAS: 13-48-4 SHA: 57001 CFR: 80.367	

CASWELL#	CHEMICAL	X-REFERENCE
	Octyl cre oxyethoxyethyl dimethyl benzyl ammonium chloride	355
613A	Octyl decyl dimethyl ammonium chloride CAS: 32426-11-2 SHA: 069165	
613B	Octyl dodecyl dimethyl ammonium chloride BTC 8 2 CAS: 0361-16-7 SHA: 069190	
613E	Octyl epo ytallate CAS: 1788-72-5	
	2-Octyl-3(2H)-isothiazolone	613C
613C	2-n-Octyl-4-isothiazolin-3-one 2-Octyl-3(2H)-isothiazolone Octhi inone (ANSI) Micro icide M-8 Katho RH 89 CAS: 6530-20-1 SHA: 99901 CFR: 80.366	
613CA	2-(Octylo y)thiazols (CA) B 10 CAS: 3588-44-7	
613D	Octylphenol CAS: 7193-28-8 SHA: 064118	
614B	p-tert-Oc ylphenoxyethoxyethyl dimethyl benzyl ammonium chloride CAS: 21-54-0 SHA: 069154	

CASWELL#	CHEMICAL	X-REFERENCE
614C	p-tert-Octylphenoxyethoxyethyl dimethyl benzyl ammonium mercuric chloride CAS: 53433-01-5	
614	Octylphenoxypolyethoxyethanol CAS: 9036-19-5 SHA: 079100	
614A	Octylphenoxypolyethoxyethanol-iodine complex CAS: 53404-04-9 SHA: 046915	
614D	4-Octylresorcinol 4-Octyl-1,3-benzenediol	
615	n-Octyl sulfoxide of isosafrole (related compounds should be declared) Sulfoxide 1,2-(Methylenedioxy)-4-[2-(octylsulfinyl)propyl]benzene (CA) Sulfox-Cide CAS: 120-62-7 SHA: 057101	
	2-(Octylthio)ethanol	489B
	Odex Q (part, see casw 331A	627D
	Odex Q (part, see casw 627D	331A
	Odix (part, see casw 465)	471ABD
	Odix (part, see casw 471ABD)	465
	Oftanol	447AB
	Oftanol oxygen analog	568G
615A	Ofurace (ANSI) 2-Chloro-N-(2,6-dimethylphenyl)-N-(tetra-2-oxo-3-furanyl)acetamide (9CI) [(2-Chloro-N-2,6-xylyl)-acetamido]-N-4-hydroxybutyric acid	

CASWELL#	CHEMICAL	X-REFERENCE
	5-OH-NSO2	584E
616	Oil of anise CAS: 8007-70-3 SHA: 004301	
616A	Oil of cajeput CAS: 8008-98-8 SHA: 040504	
617	Oil of camphor sassafrassy CAS: 8006-80-2 SHA: 015603	
618	Oil of citronella CAS: 8000-29-1 SHA: 021901	
618A	Oil of eucalyptus CAS: 8000-48-4 SHA: 040503	
618G	Oil of flowering/odorant	
618B	Oil of geranium CAS: 8000-46-2 SHA: 597500	
618C	Oil of lavender CAS: 8000-28-0 SHA: 597600	
618D	Oil of lemongrass CAS: 8007-02-1 SHA: 040502	
618DA	Oil of pennyroyal	

CASWELL#	CHEMICAL	X-REFERENCE
618E	Oil of rosemary CAS: 8000-25-7 SHA: 597700	
618F	Oil of thyme CAS: 8007-46-3 SHA: 597800	
	OK 174	349C
	Oko	328
619	Oleic acid CAS: 112-80-1 SHA: 031702	
619A	Oleyl dimethyl ethyl ammonium bromide CAS: 14351-44-1 SHA: 069132	
621	Oleyl trimethyl ammonium chloride Aliquat 21 CAS: 10450-69-8 SHA: 069101	
621A	Olive oil CAS: 8001-25-0 SHA: 031610	
621D	Omadine magnesium disulfide	
	Omadine-sodium	790A
	Omadine TBAO	621AA

CASWELL#	CHEMICAL	X-REFERENCE
621AA	2-Omadine tributyl amino 2-Pyridinethiol-1-oxide, 1,1-dimethylethanamine salt tert-Butylamine-2-pyridinethiol-1-oxide Omadine TBAO CAS: 33079-08-2 SHA: 088005	
	Omadine-zinc	923
	Omaflora	488A
	Omazene	237
	Omethoate	368B
	Omite	130I
	OMPA	610
	OMS 597	893A
	OMS 716	271C
	OMS 1342	310A
	Oncol	349C
	One Time	718B
	Onyxide	014
	Onyxide 172	019A
	Onyxide 500	116A
	OPP	623AA
621AB	Orange oil CAS: 8008-57-9	

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CASWELL#	CHEMICAL	X-REFERENCE
	Ordram	444
	Ornalin fumigator	323C
	Ornitrol	286A
	Orthene	002A
	Ortho 12	002A
	Orthoarsenic acid	056
622B	Orthochloroparatrifluoro methyl aniline	
	Orthocide	159
	Orthodichlorobenzene	301
623AA	Orthophenylphenol	
	OPP	
	(1,1'-Biphenyl)-2-ol	
	Dowicide 1	
	CAS: 90-43-7	
	SHA: 064103	
623A	Oryzalin (ANSI)	
	3,5-Dinitro-N4,N4-dipropylsulfanilamide	
	Surflan	
	EL 119	
	Ryzelan	
	Compound 67019	
	CAS: 19044-88-3	
	SHA: 104201	
	CFR: 180.304	
	Ottaform 204 (part see, casw 897B)	481C
	Ottaform 204 (part, see casw 481C)	897B

CASWELL#	CHEMICAL	X-REFERENCE
	Ottasept	218
	OUST	561D
	Outfox	271D
624	Ovex (ANSI) p-Chlorophenyl p-chloro-benzenesulfonate Chlorfenson (ISO) Ovochlor Ovotran CAS: 80-33-1 SHA: 020201 CFR: 180.134	
	Ovochlor	624
	Ovotran	624
624B	7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid	
	7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid	421
625D	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid, di(N,N-dimethyl *alkyl amine salt *(fatty acids of coconut oil Endothall, di(N,N-dimethyl alkylamine) salt Hydrothol 47 liquid CAS: 12068-08-5 SHA: 413400	
625E	7-Oxabicyclo(2,2,1)heptane-2,3-dicarboxylic acid, di(N,N-dimethyl-cocoamine) salt Endothall, di(N,N-dimethyl-cocoamine) salt	
	7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, di(N,N-dimethyltridecylamine) salt	421B
	7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dihydroxyaluminum salt	421A
625B	7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dipotassium salt 7-Endothall, dipotassium salt CAS: 2164-07-0 SHA: 038904	

CASWELL#	CHEMICAL	X-REFERENCE
	7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, disodium salt	421C
	7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, mono(N,N-dimethylalkyl*) salt *(fatty acids of coconut oil)	421D
625C	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylicacid, mono(N,N-dimethyl alkyl amino salt) Endothall, mono(N,N-dimethyl*amine)salt *(fatty acid of coconut oil) Hydrothol 191 Hydout SHA: 038905	
	7-Oxabicyclo(2,2,1)heptene-exo-1-methyl-4(1-methylethyl-2-(2-methylphenylmethoxy)	731G
624A	Oxadiazon (ANSI) 2-tert-Butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-σ-2-1,3,4-oxadiazolin-5-one (see also caswell 357) Ronstar RP 17623 CAS: 19666-30-9 SHA: 109001 CFR: 180.346	
	Oxadixyl-3-methoxy-N-(2,6-dimethylphenyl)-N-(2-oxo-3-oxazolidinyl)-acetamide	731C
625	Oxalic acid CAS: 144-62-7 SHA: 009601	
	Oxamyl	561A
	3-Oxa-1,5-pentanedial	627D
	Oxapyrazon(e)	114F
	Oxapyrazon(e)-sodium	751
	Oxicidin	314A
625G	Oxinothiophos Bacdip	

CASWELL#	CHEMICAL	X-REFERENCE
625F	Oxirane Chloromethyl-homopolymer, mono((Z)-9-octadecenyl) ether compoundwith dimethylmethanamine	
475A	Oxo-heptyl acetate	
482H	Oxo-hexyl acetate	
	Oxone	581A
626A	Oxy(bismethylene) bispropionate CAS: 54841-75-7	
626	10,10'-Oxybisphenarsazine Phenarsazine oxide CAS: 4733-19-1	
626B	10,10'-Oxybisphenoxarsine (CA) OBPA	
627	2,2'-Oxybis(4,4,6-trimethyl-1,3,2-dioxaborinane) 2,2'-(1-Methyltrimethylenedioxy)bis(4-methyl-1,3,2-dioxaborinane) (CA) Biobor JF (Part, see Casw 578G) CAS: 14697-50-8 SHA: 012402	
627A	Oxycarboxin (ANSI) 5,6-Dihydro-2-methyl-1,4-oxathiin-3-carboxanilide-4,4-dioxide Plantvax F 461 CAS: 5259-88-1 SHA: 090202	
627C	Oxychlordane	
	Oxy DBCP	287
	Oxydemeton-methyl	455

CASWELL#	CHEMICAL	X-REFERENCE
	2,2'-Oxydiacetaldehyde	627D
627D	2,2'-Oxydiethanal (CA*) 2,2'-Oxydiacetaldehyde (CA) 3-Oxa-1,5-pentanedial Odex Q (part, see casw 331A) CAS: 57011-17-3	
	2,2'-Oxydiethanol	338A
627B	Oxydiethylenebis(alkyl*-dimethyl ammonium chloride) *(derived from coconut oil fatty acids) CAS: 68607-28-3 SHA: 069173	
	Oxydimethiin	472AA
	Oxydisulfoton	340A
	Oxyfluorfen	188AAA
	Oxyquinoline	719
628	Oxytetracycline Terramycin CAS: 2058-46-0 SHA: 006308 CFR: 180.337	
	Oxythioquinox	576
	Oxytril M	119
	P 252	033BB
	Paarlan	506A

CASWELL#	CHEMICAL	X-REFERENCE
628C	Paclobutrazol (ANSI) PP 333 (2RS,3RS)-1-(4-Chlorophenyl)-4,4-dimethyl-2-1,2,4-triazol-1-yl pentan-3-ol CAS: 76738-62-0 SHA: 125601	
	Padan	360C
	Pallethrine	025
628D	Panoctine 40	
	Panogen	268
	Panoram D-31	333
628E	Paper Fiber - Granulated Granulated Paper Fiber	
628B	Paper tape	
	Parachloroaniline	182
	Parachloroaniline oleate	182B
	Parachloroaniline salicylate	182C
631B	Paraclox N-4-Dihydroxy-α-oxobenzene ethanimidoyl chloride CAS: 34911-46-1 SHA: 114901	
631A	Para cymene	
632	Paradichlorobenzene p-Dichlorobenzene (CA) CAS: 106-46-7 SHA: 061501	

CASWELL#	CHEMICAL	X-REFERENCE
632B	Paraffin CAS: 8002-74-2	
632A	Paraffinic oil CAS: 8002-05-9 SHA: 063503	
	Parafluron	387
633	Paraformaldehyde CAS: 30525-89-4 SHA: 043002	
816B	Para-nitrocresol Methyl-4-nitrophenol	
635	Paraquat bis(methylsulfate) (ANSI) 1,1'-Dimethyl-4,4'-bipyridinium bis(methylsulfate) CAS: 2074-50-2 SHA: 061602	
635A	Paraquat bistribromide CAS: 27041-84-5 SHA: 598200	
634	Paraquat dichloride (ANSI) 1,1'-Dimethyl-4,4'-bipyridinium dichloride CAS: 1910-42-5 SHA: 061601 CFR: 180.205	
	Parasept	714A
635AA	Paratertiary amylphenol	
637	Parathion (ANSI) O,O-Diethyl-O-p-nitrophenyl phosphorothioate (CA) Ethyl parathion CAS: 56-38-2 SHA: 057501 CFR: 180.121	

CASWELL#	CHEMICAL	X-REFERENCE
637A	Parinol (ANSI) α,α,α-Bis(P-chlorophenyl)-3-pyridine methanol Parnon EL 241 CAS: 17781-31-6 SHA: 046501	
	Paris green	229A
	Parnon	637A
	Partox	211C
	Parvex	668A
	Parzate	930
	Patoran	579A
	Pay-Off	002AA
	Payze	188C
	PBTC	661B
	PBTC-Na	661C
	PCB	672A
	PCNB	640
	PCP	641
	Pebulate	710
	Penar	365
637B	Penconazole	

CASWELL#	CHEMICAL	X-REFERENCE
638A	Pencycuron N-[(4-Chlorophenyl)methyl]-N-cyclopentyl-N'-phenylurea Monceren NTN 19701 Bay NTN 19701 CAS: 66063-05-6 SHA: 128823	
	Pendimethalin	
638E	Penicillin	454BB
638B	Pennyroyal CAS: 8007-44-1 SHA: 040509	
	Penoxalin	
	Penphene	454BB
	Pentac	834
638D	Pentachloroaniline	274
638F	Pentachloroanisole purified	
638C	Pentachlorobenzene	
639	Pentachlorodihydroxytriphenyl-methanesulfonic acid CAS: 12408-19-4 SHA: 063101	
639A	Pentachlorodihydroxytriphenyl-methanesulfonic acid, sodium salt CAS: 53626-28-1 SHA: 063102	
639B	Pentachloroethane CAS- 76-01-7 SHA: 598300	

CASWELL#	CHEMICAL	X-REFERENCE
639C	Pentachloromethylthiobenzene	
640	Pentachloronitrobenzene	
	PCNB	
	Quintozene (ISO)	
	Tritisan	
	Terraclor	
	Pentagen	
	CAS: 82-68-8	
	SHA: 056502	
	CFR: 180.291	
	Pentachlorophenol laurate	521A
641A	Pentachlorophenol, potassium salt	
	Potassium pentachlorophenate	
	CAS: 7778-73-6	
	SHA: 063002	
641	Pentachlorophenol (related compounds should be declared)	
	PCP	
	Santophen	
	Dowicide 7	
	Penwa	
	Santobrite	
	CAS: 87-86-5	
	SHA: 063001	
	Pentachlorophenol, sodium salt	784
641C	Pentachlorophenol, zinc salt	
	Zinc pentachlorophenate	
	CAS: 917-32-0	
	SHA: 063008	
641D	Pentachlorophenol, zinc salt of N-alkyl*-1,3-propanediamine *(C16-C18)	
	SHA: 063009	

CASWELL#	CHEMICAL	X-REFERENCE
641F	Pentachlorophenyl monochloroacetate	
	(Z)-2,3,5,5,5-Pentachloro-4-oxo-2-pentenoic acid	027A
	2-Pentadecylglyoxalidine	642
642	2-Pentadecyl-2-imidazoline	
	2-Pentadecylglyoxalidine	
	CAS: 12379-47-4	
	SHA: 043604	
642AB	1,4-Pentadien-3-one-1,5-bis(α,α,α-trifluoro-p-tolyl)-tetrahydro-5,5-dimethyl-2(1H)-pyrimidinylidene)hydrazone	
	Tetrahydro-5,5-dimethyl-[3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone	
	Pyrimidinone	
	Amdro	
	AC 217,300	
	CL 217,300	
	CAS: 67485-29-4	
	SHA: 118401	
440	(-)-(Pentafluorophenyl(1R-trans)-3-(2,2-dichloro-ethenyl)-2,2-dimethylcyclopropanecarboxylate	585B
	Pentagen	640
642AA	Pentane	
	Tetrafume	
	Tetrakil	
	Tetraspot	
	CAS: 109-66-0	
	SHA: 098001	
	1,5-Pentanedial Odix	468
642A	1-Pentanethiol	
	n-Amyl mercaptan	
	Pentyl mercaptan	
	CAS: 110-66-7	
	SHA: 100701	

CASWELL#	CHEMICAL	X-REFERENCE
	Pentanochlor (ISO)	800
	1-Pentanol acetate	049A
	Pentaoctene (triacetate salt)	471D
642B	Pentasodium diethylenetriaminepentaacetate Penthanil N,N-Bis[2-[bis(carboxymethyl)amino]ethyl]glycine, pentasodium salt Pentasodium DTPA CAS: 40-01-2 SHA: 039120	
	Pentasodium DTPA	642B
642C	Pentathionic acid CAS: 4700-26-6 SHA: 063701	
	Penthanil	642B
	Pentyl mercaptan	642A
	Penwar	641
642E	Peracetic acid	
	Perchloroethylene	827
	Perchloromethyl mercaptan	877B
	Perfluidone (ANSI)	539C
644A	Perfluoroalkanes	
642D	Perfume Pine perfume #41924	

CASWELL#	CHEMICAL	X-REFERENCE
	Periplanone B	333F
	Permethrin	652BB
644	Peroxyacetic acid CAS: 79-21-0 SHA: 063201	
645	Peroxydisulfuric acid CAS: 13445-49-3 SHA: 063601	
	Perthane	337
	Pestan	340
	Pestmaster EDB-85	439
	Pestox 14	843
645A	Petrolatum CAS: 8009-03-8 SHA: 598400	
646C	Petroleum, crude	
646	Petroleum distillate CAS: 64741-59-9	
	Petroleum hydrocarbon oils	817A
646A	Petroleum hydrocarbons	
646D	Petroleum naphtha CAS: 8030-30-6	
646B	Petroleum oils	

CASWELL#	CHEMICAL	X-REFERENCE
647	Petroleum resins CAS: 64742-16-1 SHA: 011401	
647A	Petroleum solvent CAS: 64742-96-7	
647B	Petroleum sulfonates CAS: 61789-85-3 SHA: 598500	
785A	Petroleum sulfonic acid, sodium salt CAS: 61789-62-6 SHA: 079035	
647D	Petroleum wax CAS: 8002-74-2	
647C	PH 60-44 1-(2,6-Difluorobenzoyl)-3-(4-trifluoro-methylphenyl)urea CAS: 35367-31-8 SHA: 124001	
	PH-70-23	
	Phaltan	460D
648	Phenarsazine chloride CAS: 578-94-9 SHA: 063901	464
	Phenarsazine oxide	
	Phencyclocarb	626
	Phenethyl alcohol	2711
	Phenethyl propionate	655C
		655D

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CASWELL#	CHEMICAL	X-REFERENCE
	Phenkapton	335B
	Phenmedipham-ethyl	447AAB
648B	Phenmedipham (ANSI)	
	Methyl-m-hydroxycarbanilate-m-methylcarbanilate	
	3-[(Methoxycarbonyl)amino]phenyl-3-methylphenylcarbamate	
	S 4075	
	Betanal	
	Morton EP 452	
	Schering 4072	
	EP 452	
	CAS: 13684-63-4	
	SHA: 098701	
	Phenobenzuron	081DE
649	Phenol	
	Carbolic acid	
	CAS: 108-95-2	
	SHA: 064001	
649A	Phenol-formaldehyde resins	
650	Phenolsulfonic acid	
	CAS: 1333-39-7	
	SHA: 064102	
650A	Phenolsulfonic acid-formaldehyde-urea condensate, sodium salt	
652	Phenothiazine	
	CAS: 92-84-2	
	SHA: 064501	
651	Phenothioxin	
	CAS: 262-20-4	
	SHA: 064301	

CASWELL#	CHEMICAL	X-REFERENCE
	Phenothrin	652B
651D	3-Phenoxybenzenzaldehyde MPBA	
651A	3-Phenoxybenzoic acid	
	(RS)-α-(3-Phenoxybenzoyl)-3-phenoxybenzyl-(R)-2-[2-chloro-4-(trifluoromethyl)anilino-3-methylbutanoate	584F
650C	α-(3-Phenoxybenzoyl-3-phenoxybenzyl-2,2,3,3-tetramethyl-1-cyclopropane carboxylate	
652BB	3-Phenoxybenzyl-cis-(trans)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (3-Phenoxyphenyl)methyl-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate Permethrin (ANSI) Pounce NRDC 143 Ambush PP 557 FMC 33297 CAS: 52645-53-1 SHA: 109701 CFR: 180.378	
651E	3-Phenoxybenzyl d-cis and trans-2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate S 2539 Forte	
	3-Phenoxybenzyl D-cis/trans chrysanthemate	652B
650B	2-Phenoxyethanol	
	m-Phenoxymandelonitrile	267B
652C	N-[2-(p-Phenoxyphenoxy)ethyl]carbamic acid Ethyl-[2-(p-phenoxyphenoxy)ethyl]carbamate Fenoxycarb (ANSI) CAS: 79127-80-3 SHA: 125301	

CASWELL#	CHEMICAL	X-REFERENCE
	2-(3-Phenoxyphenyl)-3-(4-chlorophenyl)-4-methylpentanenitrile	731-I
	(3-Phenoxyphenyl)methyl-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate	652BB
652B	(3-Phenoxyphenyl)methyl-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate Phenothrin (ISO PROP) 3-Phenoxybenzyl D-cis/trans chrysanthemate Sumithrin CAS: 26002-80-2 SHA: 069005	
	Phenthoate	427B
	3-(1-Phenyl-2-acetylethyl)-4-hydroxycoumarin	903
653	Phenylaminocadmium lactate CAS: 19651-91-3 SHA: 064602	
654	2-Phenylcyclohexanol CAS: 1444-64-0 SHA: 065002	
654A	Phenyl-5,6-dichloro-2-(trifluoromethyl)-1-benzimidazolecarboxylate Lovozal Fenazaflor (ISO) NC-5016 CAS: 14255-88-0 SHA: 598700	
654B	Phenyl-N,N'-dimethylphosphorodiamidate Diamidofos (ANSI) Nellite Dowco 169 CAS: 1754-58-1 SHA: 102101	
	3-Phenyl-1,1-dimethylurea	457

CASWELL#	CHEMICAL	X-REFERENCE
655	3-Phenyl-1,1-dimethylurea trichloroacetate Urab Fenuron TCA CAS: 4482-55-7 SHA: 035508	
655C	2-Phenylethanol Phenethyl alcohol CAS: 60-12-8 SHA: 001503	
655D	2-Phenylethyl propionate Phenethyl propionate CAS: 22-70-3 SHA: 102601	
	Phenylglyoxylonitrile oxime-O,O-diethylphosphorothioate	902L
655B	4-Phenyl-H-1,2-dithiole-3-thione CAS: 354-37-8 SHA: 598900	
	Phenyliminodi-2,1-ethanediyl bis(3,6-dichloro-2-methoxybenzoate	154A
	Phenyliminodiethylene-bis(3,6-dichloro-o-anisate)	154A
655F	Phenyl Indole-3-thiolobutyrate	
655E	Phenyl-3-iodo-2-propynyl ether Giv-gard IPE	
656	Phenylmercuric acetate CAS: 2-38-4 SHA: 066003	
656A	Phenylmercuric ammonium acetate CAS: 3404-67-4 SHA: 066004	

CASWELL#	CHEMICAL	X-REFERENCE
656B	Phenylmercuric ammonium propionate CAS: 3404-68-5 SHA: 066023	
656C	Phenylmercuric borate CAS: 102-98-7 SHA: 066005	
656D	Phenylmercuric carbonate CAS: 53404-69-6 SHA: 066006	
656E	Phenylmercuric chloride CAS: 100-56-1 SHA: 066007	
657	Phenylmercuric dimethyldithiocarbamate CAS: 32407-99-1 SHA: 066008	
657A	Phenylmercuric-2-ethylhexanoate CAS: 13302-00-6 SHA: 066024	
657B	Phenylmercuric formamide CAS: 22894-47-9 SHA: 066010	
657C	Phenylmercuric hydroxide CAS: 100-57-2 SHA: 066011	
657D	Phenylmercuric-8-hydroxyquinoline Phenylmercuric-8-quinolinolate CAS: 26114-17-0 SHA: 066017	
657E	Phenylmercuric lactate CAS: 122-64-5 SHA: 066012	

CASWELL#	CHEMICAL	X-REFERENCE
657EE	Phenylmercuric lauryl mercaptide	
657F	Phenylmercuric monoethanol ammonium acetate CAS: 5822-97-9 SHA: 066013	
657G	Phenylmercuric monoethanol ammonium lactate CAS: 53404-70-9 SHA: 066014	
657H	Phenylmercuric naphthenate CAS: 31632-68-5 SHA: 066015	
657I	Phenylmercuric nitrate CAS: 5-68-5 SHA: 066016	
657J	Phenylmercuric oleate CAS: 104-60-9 SHA: 066022	
657K	Phenylmercuric propionate CAS: 103-27-5 SHA: 066018	
	Phenylmercuric-8-quinolinolate	657D
657L	Phenylmercuric salicylate CAS: 28086-13-7 SHA: 066019	
657M	Phenylmercuric thiocyanate CAS: 16751-55-6 SHA: 066020	
657N	Phenylmercuric triethanolammonium lactate CAS: 23319-66-6 SHA: 066021	

CASWELL#	CHEMICAL	X-REFERENCE
657O	N-(Phenylmercuri)ethylenediamine	
657P	N-(Phenylmercuri)urea CAS: 2279-64-3 SHA: 599100	
657Q	Phenylmercury-2-ethylhexylmaleate	
	S-Phenylmethyl-N,N-bis(1-methylpropyl)carbamothioate	082AA
	[5-(Phenylmethyl)-3-furanyl]methyl-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate	083E
657S	N-[Phenylmethyl]-1H-purin-6-amine Promalin N6-Benzyladenine	
657R	N-(1-Phenyl-2-nitropropyl)piperazine potassium salt CAS: 14859-12-2	
659A	N-Phenyl-N'-1,2,3-thiazol-5-yl urea Thidiazuron (ANSI) SN 49537 Dropp CAS: 51707-55-2 SHA: 120301 CFR: 180.403	
658A	o-Phenylphenol, alkenyl* amine salt *(C8'-C18'') SHA: 064105	
658B	o-Phenylphenol, alkyl* amine-copper salt (C8-C18) SHA: 064106	
658C	o-Phenylphenol, alkyl* amine-zinc salt *(C8-C13) CAS: 82010-74-0 SHA: 064107	
658D	o-Phenylphenol, potassium salt CAS: 13707-65-8 SHA: 064108	

CASWELL#	CHEMICAL	X-REFERENCE
	Phenylphenol, sodium salt	787
658F	o-Phenylphenol, tetradecylamine salt CAS: 53404-71-0 SHA: 064109	
658G	Phenylpolyethoxyethanol, mono & di-phosphate esters-iodine complex	
658H	Phenylsulfonylmethyltrihexyltin	
	Phercon PBW	471AAA
	Phillips 1861	038
	PHMB	676
	Phophos	434C
660	Phorate (ANSI) O,O-Diethyl-S-[(ethylthiomethyl)phosphorodithioate] Thimet CAS: 298-02-2 SHA: 057201 CFR: 180.206	
	Phorate sulfone	849B
	Phorate sulfoxide	849C
	Phosacetim	091A
660A	Phosalone (ANSI) S-[6-Chloro-3-(mercaptomethyl)-2-benzoxazolinone]-O,O-diethyl phosohorodithioate (CA) O,O-Diethyl-S-[(6-chloro-2-oxobenzoxazolin-3-yl)methyl] phosphorodithioate RP 11974 Zolone CAS: 2310-17-0 SHA: 097701 CFR: 180.263	

CASWELL#	CHEMICAL	X-REFERENCE
	Phosdrin	160B
	Phosethoprop	434C
	Phosethyl Al	012B
	Phosfolan	268B
	Phosfon	866
	Phosmet (BSI)	543
	Phosnichlor	296
661	Phosphamidon (ANSI) 2-Chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate 2-Chloro-N,N-diethyl-3-hydroxycrotonamide, ester with dimethyl phosphate (CA) Dimecron CAS: 13171-21-6 SHA: 018201 CFR: 180.239	
	Phosphene	160B
	Phosphine	031
	Phosphon	866
661B	2-Phosphonobutane-1,2,4-tricarboxylic acid PBTC CAS: 37971-36-1	
661C	2-Phosphonobutane-1,2,4-tricarboxylic acid, sodium salt PBTC-Na CAS: 40372-66-5	
	N-(Phosphonomethyl)glycine, isopropylamine salt	471AAB

CASWELL#	CHEMICAL	X-REFERENCE
	N-(Phosphonomethyl)glycine, sodium salt	471ABB
661A	N-(Phosphonomethyl)gylcine Glyphosate (ANSI) CP 67573 CAS: 1071-83-6 SHA: 417300 CFR: 180.364	
	Phosphopyron	422
662	Phosphoric acid CAS: 7664-38-2 SHA: 076001	
662B	Phosphorodithioic acid S-(tert-butylsulfinyl)methyl, O,O-diethyl ester	
663F	Phosphorodithioic acid S-(tert-butylsulfonyl)methyl, O,O-diethyl ester	
662A	Phosphorothioic acid, O,O-diethyl-O-(2-quinoxalinyl) ester (ISO,BSI) O,O-Diethyl-O-2-quinoxalinyl phosphorothioate Quinalphos (ISO,BSI) CAS: 13593-03-8	
663P	Phosphorothioic acid-O,O-diethyl-O-[1,2,2,2-tetrachloroethyl] ester Chloroethyoxyfos Fortress DPX-43898 CAS: 54593-83-8	
663G	Phosphorothioic acid-S-(tert-butylsulfinyl)methyl, O,O-diethyl ester	
663E	Phosphorothioic acid-S-(tert-butyl sulfonyl)methyl, O,O-diethyl ester	
663H	Phosphorothioic acid-S-(tert butylthio)methyl, O,O-diethyl ester	
663I	Phosphorous acid CAS: 10294-56-1 SHA: 076002	

CASWELL#	CHEMICAL	X-REFERENCE
663	Phosphorus CAS: 7723-14-0 SHA: 066502	
	Phostex	
	Phostoxin	093A
	Phosvel	031
	Photomirex	525B
	Phoxim (ISO)	581C
663D	Phthalate, *dialkyl *(C7-C9)	902L
	Phthalophos	
	Phthalthrin	543
663AB	Phtophthora palmivora MWV Devine SHA: 111301	844
663K	Phtosterols ethoxylates	
	Phygon	
	Phyomone	298
	Phytar 560	589
	Phytoactin	133
663AA	Phytophthora citrophthora ABG 5001	671B
663J	Phytosterols	

CASWELL#	CHEMICAL	X-REFERENCE
	Picfume	214
	Picloram	039
663M	Picloram isooctyl ester CAS: 26952-20-5	
663C	Picloram, potassium salt 4-Amino-3,5,6-trichloropicolinic acid, potassium salt CAS: 2545-60-0 SHA: 005104	
663CC	Picloram, triethylamine salt 4-Amino-3,5,6-trichloropicolinic acid, trimethylamine salt CAS: 35832-11-2	
663CD	Picloram, triisopropanolamine salt 4-Amino-3,5,6-trichloropicolinic acid, triisopropanolamine salt CAS: 6753-47-5	
663A	Picrotoxin CAS: 124-87-8 SHA: 002301	
663N	Pigment Blue 29 Ultramarine Blue CAS: 57455-37-5	
663B	Pigment red #48 Bis-(2-ethyl hexyl)terephthalate CAS: 117-81-7	
	Pik-off	471AA
663L	cis-2-Pinanol CAS: 4948-28-1	
	Pindone	671

CASWELL#	CHEMICAL	X-REFERENCE
664	Pinene CAS: 1330-16-1 SHA: 067001	
442	Pinene, ethylene glycol ether DHS Activator CAS: 53404-49-2 SHA: 042101	
665	Pine oil CAS: 8002-09-3 SHA: 067002	
	Pine Perfume #41924	642D
666	Pine tar CAS: 8011-48-1 SHA: 067204	
667	Pine tar oil CAS: 8050-09-7 SHA: 067205	
	Pink Boll Worm pheromome	471AAA
	Piperalin	575
668A	Piperazine-carbon disulfide complex Parvex CAS: 99-00-3 SHA: 067403	
668	Piperazine dihydrochloride CAS: 142-64-3 SHA: 067401	
	N,N'-[1,4-Piperazinediylbis(2,2,2-trichloroethylidene)]bis(formamide)	890AA

CASWELL#	CHEMICAL	X-REFERENCE
669	Piperonal Bis[2-(2-butoxyethoxy)ethyl] acetal Tropital Piprotal CAS: 5281-13-0 SHA: 068801	
670	Piperonyl butoxide, technical (ANSI) Butylcarbityl-6-propylpiperonyl ether (80% of piperonyl butoxide) Butacide CAS: 51-03-6 SHA: 067501 CFR: 180.127	
	Piperonylic acid, diethylene glycol monobutyl ether ester	121A
670A	Piperonyl sulfoxide	
	Piproctanylium bromide	373B
	Pipron	575
	Piprotal	669
	Pirimicarb	359C
	Pirimiphos-ethyl	334A
	Pirimiphos-methyl	334B
	Pirimor	359C
	Pival	671
671	2-Pivalyl-1,3-indandione Pival Pindone Tri-ban CAS: 83-26-1 SHA: 067703	

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CASWELL#	CHEMICAL	X-REFERENCE
671AC	2-Pivalyl 1,3-indandione, calcium salt	
671A	2-Pivalyl 1,3-indandione, sodium salt Pivalyn CAS: 120-20-3 SHA: 067704	
	Pivalyn	671A
	Pix	380AB
	Planavin	578
	Plantvax	627A
	Plictran	884A
	Plondrel	408BB
	PMP	515
	Poast	072A
	Polado	471ABB
	Polaris	471A
	Policar M	913A
671C	Polmekon	
671E	Polyacrylamide sulfonate	
671AA	Polyalkene oxide glycol monoester of 5 & 6-carboxy-4-hexyl-2-cyclohexene-1-octanoic acid iodine complex	
671B	Polyamidohygrostreptin Phytoactin CAS: 1005-09-7 SHA: 006316	

CASWELL#	CHEMICAL	X-REFERENCE
	Polybor 3	108
672	Polybutene CAS: 003-29-6	
672A	Polychlorinated biphenyls PCB Aroclor CAS: 1336-36-3 SHA: 017801	
672B	Polychlorinated terphenyls CAS: 1788-33-8 SHA: 017802	
672C	Polychlorobenzoic acid PSA CAS: 12002-27-6 SHA: 599200	
673	Polychlorobicyclopentadieneisomers (chlorine content 62% to 64%) Bandane Halts CAS: 029-29-6 SHA: 020301	
673A	Polyester terephthalate	
674	Polyethoxyethanolamides of the natural fatty acids CAS: 3425-44-5 SHA: 079006	
675	Polyethoxypolypropoxyethanol-iodine complex CAS: 6617-87-8	
675A	Polyethoxypolypropoxypolyethoxyethanol-n-alkyl*-di(β-hydroxyethyl) benzyl ammonium chloride *(C12 54%, C14, 18%, 9% C8 & 5% C10) SHA: 46913	

CASWELL#	CHEMICAL	X-REFERENCE
675AB	Polyethoxypolypropoxypolyethoxyethanol-n-*alkyl-di(beta-hydroxyethyl)benzyl ammonium chloride-iodine *(54% C12, 18% C14, 9% C16, 9% C18)	
675B	Polyethoxypolypropoxypolyethoxyethanol-n-alkyl*-dimethyl-3,4-dichlorobenzyl ammonium chloride-iodine complex *(50% C12, 30% C14, 17% C16, 3% C18)	
675C	Polyethoxypolypropoxypolyethoxy-iodine complex CAS: 11096-42-7 SHA: 046904	
675D	Polyethylene CAS: 9002-88-4 SHA: 000152	
675F	Polytheylene polyamine (18 mole) N-oleylamine hydrochloride	
675E	Polyethylene-polypropylene copolymers	
	Poly-d-glucosamine	167H
675G	Polyhedral inclusion bodies of Douglas fir tussock moth nucleopolyhedrosis virus Biocontrol-1	
675H	Polyhedral inclusion bodies of gypsy moth nucleopolyhedrosis virus Gypchek	
675I	Polyhedral inclusion bodies of Heliothis nuclear polyhedrosis virus Elcar NPH	
675J	Polyhedral inclusion bodies of N. Sertifer nucleopolyhedrosis virus	
	Poly(hexamethylenebiguanide hydrochloride)	676
675DD	Poly[hydroxyethylene(dimethyliminio)ethylene(dimethyliminio) methylene dichloride] Busan 79 SHA: 15201	

CASWELL#	CHEMICAL	X-REFERENCE
676	Poly(iminoimidocarbonyl-iminoimidocarbonyl-iminohexamethylene) hydrochloride Hexamethylene biguanide Poly(hexamethylenebiguanide hydrochloride) Vantocil 1B Baquacil SB PHMB Cosmoquil CQ CAS: 32289-58-0 SHA: 111801	
676A	Polyisobutylene CAS: 9003-27-4 SHA: 011403	
676C	Polymekon wax CAS: 002-74-2	
676B	Polymerized glyceryl oleate CAS: 3467-13-3 SHA: 079032	
677	Polymerized resin acids CAS: 65997-05-9 SHA: 599400	
677B	Poly(methylene-p-nonylphenoxy)poly(ethenoxy)ethanol Sponto 176	
678AA	Poly(methylene-p-nonylphenoxy)poly(propyleneoxy)propanol	
	Polymethylene polyphenylisocyanate	607C
677A	Poly(methylene-p-tert butyl phenoxy)poly(ethenoxy)ethanol Sponto 196	
678BC	Poly(methyl methacrylate-co-tributyltin methacrylate) Biomet 300	

CASWELL#	CHEMICAL	X-REFERENCE
678	Polymyxi CAS: 1406-11-7 SHA: 006305	
678AB	Polynuclear aromatic hydrocarbons	
678C	Poly(oxy 1,2-ethanediyl)-(carboxymethyl)-ω-(nonylphenoxy)	
678E	Poly(oxy 1,2-ethanediyl)-α-isooctadecyl-Ω-hydroxy ester Aros rf 66-E2 Ethoxylated isostearyl alcohol	
679	N-Polyoxyethylated (10 moles)-n-octadecylamine CAS: 26635-92-7	
680B	Polyoxyethylene adducts	
678A	Poly[oxyethylene(dimethylimino)ethylene(dimethylimino)ethylene dichloride] Busa 77 WSCP CAS: 31512-74-0 SHA: 069183	
678D	Poly(oxyethylene)ethanol monoesters of 5-and 6-carboxy-4-hexyl-2-cyclohexene-1-octanoic acid-iodine complex BKLF 2 SHA: 046924	
680D	Polyoxyethylene nonylphenol	
678B	Polyoxyethylene sorbitol mixed ether ester CAS: 3466-71-0 SHA: 079075	
681B	Polyoxymethylene copolymer	
680C	Polypropylene	
680	Polypropylene glycol CAS: 5322-69-4 SHA: 068602	

CASWELL#	CHEMICAL	X-REFERENCE
	Polyram	041A
	Polystrea	825
	Polytanol	148A
680A	Polyvinyl acetate	
	Polyvinyl chloride film	714BD
681	Polyvinylpyrrolidone CAS: 003-39-8 SHA: 079033	
681BB	Polyvinylpyrrolidone-formaldehyde complex	
681BC	Polyvinylpyrrolidone-iodine complex Povidone-iodine CAS: 5655-41-8	
681A	Polyvinylpyrrolidone-orthophenylphenol complex CAS: 3403-98-8 SHA: 064110	
681D	Polywax O alcohols Linear aliphatic alcohols	
	Pomarsol	931
	Poppenate methyl	731Q
	Posan	557B
682C	Potassium acid sulfate Potassium bisulfate CAS: 646-93-7 SHA: 005605	

CASWELL#	CHEMICAL	X-REFERENCE
681C	Potassium aluminum silicate dehydrate	
682	Potassium ammonium ethylenebisdithiocarbamate Kaybam CAS: 22221-14-3 SHA: 014507	
682A	Potassium arsenite CAS: 10124-50-2 SHA: 013605 CFR: 180.334	
682B	Potassium azide CAS: 20762-60-1 SHA: 107702	
683	Potassium bifluoride CAS: 7789-29-9	
	Potassium bisulfate	682C
684	Potassium bromide CAS: 7758-02-3 SHA: 013903	
685	Potassium carbonate CAS: 584-08-7 SHA: 073504	
686	Potassium chloride CAS: 7447-40-7 SHA: 013904	
	Potassium 1-(p-chlorophenyl)-1,4-dihydro-6-methyl-4-oxopyridazine-3-carboxylate	723J
687	Potassium chromate CAS: 7789-00-6 SHA: 068301	

CASWELL#	CHEMICAL	X-REFERENCE
687A	Potassium coconut fatty acid soap	
688	Potassium cyanate CAS: 590-28-3 SHA: 068002	
688A	Potassium cyanide CAS: 151-50-8 SHA: 599600	
689	Potassium dichloro-s-triazinetrione CAS: 2244-21-5 SHA: 081403	
690	Potassium dichromate CAS: 7778-50-9 SHA: 068302	
691	Potassium dimethyldithiocarbamate CAS: 128-03-0 SHA: 034803	
691A	Potassium dodecylbenzenesulfonate CAS: 27177-77-1 SHA: 079008	
692	Potassium ethylxanthate CAS: 140-89-6 SHA: 086502	
692A	Potassium gibberellate CAS: 125-67-7 SHA: 043802	
692B	Potassium hexafluoroarsenate Nopalmitate Hexaflurate CAS: 17029-22-0 SHA: 599700	

CASWELL#	CHEMICAL	X-REFERENCE
693	Potassium hydroxide CAS: 1310-58-3 SHA: 075602	
693A	Potassium iodate CAS: 7758-05-6 SHA: 075703	
694	Potassium iodide CAS: 7681-11-0 SHA: 075701	
694A	Potassium laurate CAS: 10124-65-9 SHA: 079021	
695	Potassium mercury iodine CAS: 7783-33-7 SHA: 052107	
696A	Potassium myristate CAS: 13429-27-1 SHA: 079022	
693B	Potassium N-hydroxymethyl-N-methyldithiocarbamate Busan 52 (50%) (Part, see casw 541C)	
697	Potassium nitrate CAS: 7757-79-1 SHA: 076103	
698	Potassium nitrite CAS: 7758-09-0 SHA: 076203	
696	Potassium N-methyldithiocarbamate CAS: 137-41-7 SHA: 039002	

CASWELL#	CHEMICAL	X-REFERENCE
698B	Potassium oleate CAS: 143-18-0 SHA: 079095	
	Potassium pentachlorophenate	641A
699	Potassium permanganate CAS: 7722-64-7 SHA: 068501	
699A	Potassium peroxymonosulfate CAS: 10058-23-8 SHA: 063604	
700	Potassium persulfate CAS: 7727-21-1 SHA: 063602	
700A	Potassium phosphate, tribasic CAS: 7778-53-2 SHA: 076407	
701	Potassium polysulfide CAS: 37199-66-9 SHA: 076703	
701A	Potassium ricinoleate CAS: 7492-30-0 SHA: 079023	
701AB	Potassium salts of fatty acids CAS: 69669-25-6	
701B	Potassium silicate CAS: 1312-76-1 SHA: 072606	
701C	Potassium sorbate CAS: 590-00-1 SHA: 075902	

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CASWELL#	CHEMICAL	X-REFERENCE
702	Potassium sulfate CAS: 7778-80-5 SHA: 005603	
702B	Potassium tetrathiocarbonate	
702A	Potassium tetrathionate CAS: 13932-13-3 SHA: 075903	
703	Potassium thiocyanate CAS: 333-20-0 SHA: 068201	
703A	Potassium thiosulfate CAS: 10233-00-8 SHA: 080102	
703B	Potassium toluene sulfonate CAS: 30526-22-8 SHA: 079031	
704	Potassium trichlorophenate (2,4,5 or 2,4,6) CAS: 35471-43-3 SHA: 064204	
704A	Potassium xylene sulfonate CAS: 30346-73-7 SHA: 079024	
	Pounce	652BB
	Povidone-Iodine	681BC
	PP 021	464A
	PP 062	359C

CASWELL#	CHEMICAL	X-REFERENCE
	PP 149	128H
725C	PP 321 (RS)-α-Cyano-3-phenoxybenzyl,(1RS),cis-3-(Z-2-chloro-3,3,3-trifluoro-prop-1-enyl)-2,2-dimethyl cyclopropane carboxylate 1-a-(S),3-a(Z)-(+-)-Cyano-(3-phenoxyphenyl)methyl-3-(2-Chloro-3.3.3-trifluoro-1-pro-penyl)-2.2-dimethylcyclopropanecarboxylate Karate Lambdacyhalothrin CAS: 68085-85-8	
	PP 333	628C
	PP 383	271DD
	PP 511	334B
	PP 523	480G
	PP 557	652BB
	PP 563	271F
725D	PP 564 (RS)-α-Cyano-3-phenoxybenzyl-(EZ)-(1RS,3RS)-3-(2-chloro-3,3,3-trifluoro-prop-1-enyl)-2,2-dimethylcyclopropane-1-carboxylate	
	PP 581	114AAA
	PP 588	119AAA
	PP 769	033E
	PP 993	838B
	PPG 3	512B
	PPG 124	207EE

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CASWELL#	CHEMICAL	X-REFERENCE
704B	PPG 844 1-(Carboethoxy)ethyl-5-(2-chloro-4-(tri-fluoromethylphenoxy))-2-nitrobenzoate Lactofen (ANSI) CAS: 83513-60-4	
	PPG-1259	704F
	Pramax	291
	Pramitol	096
	Prebane	125D
	Prefar	357
	Prefix	326B
	Preforan	462AA
	Pregard	271BB
	Premalin	528
	Premerge	392DE
	Prep	755B
	Preseed	099
	Prevex SN-66752	710A
	Previcur N	710A
	Prezervit	840
	Primatol A	063
	Primatol P	184

CASWELL#	CHEMICAL	X-REFERENCE
	Primatol O	097
	Primatol S	740
704C	Prime 2-Chloro-N-(2,6-dinitro-4-(trifluoromethyl)-phenyl)-N-ethyl-6-fluorobenzenemethanamine	
	Primicid	334A
	Primidophos	005C
	Primisulfuron-methyl	074C
	Princep	740
	Proban	272B
	Probe	549AA
704E	Prochloraz (ANSI) N-Propyl-N-[2-(2,4,6-trichloro-phenoxy)ethyl]-1H-imidazole-1-carboxamide (9CI) CAS: 67747-09-5 SHA: 128851	
704H	Prochloraz-manganese Tetrakis (N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]-1H-imidazole-1-carboxamide)manganese dichloride Prochloraz manganese chloride complex	
	Prochloraz manganese chloride complex	704H
	Procyazine	186ABC
	Prodiamine	727A
	Pro-Drone	584C
	Profenofos	266AA

CASWELL#	CHEMICAL	X-REFERENCE
	Profluralin	2718B
	Prolan	092A
	Prolate	543
	Promalin	657S
	Promecar	271C
	Prometon	096
	2,4-Prom tone	096
	Prometryn	097
	Pronamide	306A
	Propachlor	194
	Propamocarb hydrochloride	710A
	1,2-Propanediol-1-(bromoacetate), propylene glycol	114
	1,2,3-Propanetriol 1-(4-aminobenzoate)	469B
	1,2,3-Propanetriol 1-(E)-9-octadecenoate	469A
	Propanil	325
	n Propanol	709A
	1-Propanol	709A
	2 Propanol	507
704D	2-Propanol-triiodide complex Low foam iodine sanitizer also contains phosphoric acid CAS: 2010-76-2 SHA: 046927	

CASWELL#	CHEMICAL	X-REFERENCE
	Propargit	1301
704F	Propargyl alcohol 2-Propyn-1-ol CAS: 07-19-7	
705	Propargyl bromide 3-Bromopropyne CAS: 06-96-7 SHA: 068701	
	Propazine	184
	Propellan 11	878
	Propellan 12	304
	Propellan 114	326A
706	2-Propene 1,1-diol diacetate Diacetoxypropene CAS: 69-29-4 SHA: 068402	
	2-Propene 1-ol	026
	2-Propenyl 4-cyano-2,6-diiodophenyl carbonate	486AD
706A	Propetamphos (ANSI) (E)-1-Methylethyl 3-[[(ethylamino)methoxy-phosphinothioyl]oxy]-2-butenoate Safrotin Tsar CAS: 1218-83-4 SHA: 113601	
	Propham	510
	Prophos	510

CASWELL#	CHEMICAL	X-REFERENCE
	Propineb	922A
709	β-Propiolactone CAS: 57-57-8 SHA: 010901	
707	Propionic acid CAS: 79-09-4 SHA: 077702	
707A	Propionic acid, sodium salt Sodium propionate CAS: 137-40-6 SHA: 077703	
708	Propionic anhydride CAS: 123-62-6 SHA: 077704	
	Propoxur	508
709A	Propyl alcohol n-Propanol 1-Propanol CAS: 71-23-8 SHA: 047502	
710	S-Propyl butylethylthiocarbamate (CA) Pebulate (ISO) Tillam CAS: 1114-71-2 SHA: 041403 CFR: 180.238	
710A	Propyl [3-(dimethylamino)propyl]carbamate monohydrochloride Propamocarb hydrochloride (ANSI) Previcur N Prevex SN-66752 CAS: 25606-41-1 SHA: 119302	

CASWELL#	CHEMICAL	X-REFERENCE
711	S-Propyl ipropylthiocarbamate (CA) Verna n-Pro yl-di-n-propylthiocarbamate Verno ate CAS: 929-77-7 SHA: 41404 CFR: 80.240	
	n-Propyl- i-n-propylthiocarbamate	711
711A	Propylene	
711B	Propylene carbonate CAS: 08-32-7	
712	Propylene dichloride CAS: 8-87-5 SHA: 042005	
713	Propylene glycol CAS: 7-55-6 SHA: 068603	
713A	Propylene oxide CAS: 5-56-9 SHA: 042501	
714	Propyl p- ydroxybenzoate Propy paraben CAS: 4-13-3 SHA: 061203	
714A	Propyl p- ydroxybenzoate, sodium salt Parasept CAS: 35285-69-9 SHA: 061204	
	n-Propyl some	401

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CASWELL#	CHEMICAL	X-REFERENCE
	Propyl paraben	714
	N-Propyl N-[2-(2,4,6-trichloro-phenoxy)ethyl]-1H-imidazole-1-carboxamide	704E
714AA	2-Propynyl-(E,E)-3,7,11-trimethyl-2,4-dodecadienoate 2-Kinoprene (ANSI) Enstar IGR ZR-7 7 CAS: 42588-37-4 SHA: 107501	
	2-Propyn 1-ol	704F
714B	o-(2-Propynyloxy)phenyl methylcarbamate Hercules 9699 CAS: 3279-46-7 SHA: 314400	
	Propyzamide	306A
	Prosulfalin	3990A
	Protax	725
	Prothidathion	350
714H	Prothiofos O-2, -Dichlorophenyl-o-ethyl-phosphorodithioate O-Ethyl-S-N-propyl-O-(2,4-dichlorophenyl)-thionothiol phosphoric acid Prothiophos NTN 629 Tokuthion CAS: 34643-46-4 SHA: 128858	
	Prothiophos	714H
	Prothoate	344B

CASWELL#	CHEMICAL	X-REFERENCE
	Prowl	454BB
	Proxan	513A
	Proxel	079A
	Prozinex	184
	Prunit	207H
714BB	Prynachlor (ANSI) 2-Chloro-N-(1-methyl-2-propynyl)acetanilide BAS 2903H Basamaize CAS: 21267-72-1 SHA: 314300	
	PSA	672C
714BC	Pseudomonas	
714J	Pseudomonas aureofaciens	
714G	Pseudomonas fluorescens INA	
714F	Pseudomonas syringae INA	
714E	Pseudomonas syringae V. Hallstrain N 27 CAS: 68602-93-7 SHA: 006411	
714K	Puccinia cannaliculata	
	Pursuit	0031

CASWELL#	CHEMICAL	X-REFERENCE
714EA	Putrescent whole egg solids Lurtox MGK fly attractant Lursect CAS: 51609-52-0	
714BE	PVC copolymer resin	
714BD	PVC film Polyvinylchloride film CAS: 9002-86-2	
	Pydanon	481AB
	Pydrin	077A
	Pynamin	025
	Pynamin Forte	025B
	Pyracarbolid	351
	Pyramat	575AA
	Pyramin(e)	714C
	Pyrazole Carboxamide	266F
714C	Pyrazon (ANSI) 5-Amino-4-chloro-2-phenyl-3(2H)-pyridazinone Pyramin(e) CAS: 1698-60-8 SHA: 069601 CFR: 180.316	

CASWELL#	CHEMICAL	X-REFERENCE
714D	Pyrazophos O,O-Diethyl-O-(5-methyl-6-ethoxy-carbonyl-pyrazolo-(1.5-a)-pyrimid-2-yl)-thionophosphate (ISO,BSI) Ethyl-2-hydroxy-5-methylpyrazo[1,5-a]pyrimidine-6-carboxylate-O-ester with O,O-diethylphosphorothioate Afugan HOE 02873 CAS: 13457-18-6 SHA: 447500	
715	Pyrethrins (includes pyrethrins I & II) CAS: 121-21-1 SHA: 069001 CFR: 180.128	
715A	Pyrethrins, synthetic CAS: 121-29-9	
716	Pyrethrum powder other than pyrethrins CAS: 8003-34-7 SHA: 069002	
	Pyriclor	882G
716A	Pyridate O-(6-Chloro-3-phenyl-4-pyridazinyl)-S-octyl-carbonothioate CAS: 35512-33-9 SHA: 128834	
717	Pyridine CAS: 110-86-1 SHA: 069202	
717C	3,5-Pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)S,S-dimethyl ester MON 15100 Dithiopyr (ANSI) Dimension	
	2-Pyridinethiol-1-oxide, 1,1-dimethylethanamine salt	621AA

CASWELL#	CHEMICAL	X-REFERENCE
	Pyridinitril	323G
717B	Pyridoxine	
717A	Pyridoxy phenoxypropionate	
718	Pyridylmercuric acetate CAS: 1334-77-6 SHA: 069501	
718A	Pyridylmercuric chloride CAS: 1334-75-4 SHA: 069502	
718AA	3-Pyridylmethyl N-4-nitrophenylcarbamate p-Nitrophenylcarbamate RH 945	
718B	N-3-Pyridylmethyl-N'-p-nitrophenylurea N-(4-Nitrophenyl)-N'-(3-pyridinylmethyl)urea RH 787 Pyrinuron (ANSI) Vacor One Time DLP 787 CAS: 53558-25-1 SHA: 104501	
	Pyrifenox	323J
	Pyrimidinone	642AB
	Pyrinex	219AA
	Pyrinuron (ANSI)	718B
	Pyrolan	574A

CASWELL#	CHEMICAL	X-REFERENCE
718C	Pyroligneous acid Wood vinegar CAS: 8028-47-5	
	Pyroxychlor	194C
	Pyroxyfur	528AA
	Q9-5700	892B
	Q-Dox	283
	Quel	051A
	Queletox	456F
	Quinacetol sulfate	495H
	Quinalphos	662A
	Quinalphos-methyl	380D
	Quinazamid	081A
	Quinchlorac	325A
719	8-Quinolinol (CA) Oxyquinoline CAS: 148-24-3 SHA: 059803	
719A	8-Quinolinol benzoate 8-Hydroxyquinoline benzoate CAS: 091-57-8 SHA: 059801	
719AA	8-Quinolinol citrate 8-Hydroxyquinoline citrate CAS: 23290-10-0 SHA: 059802	

CASWELL#	CHEMICAL	X-REFERENCE
719B	8-Quinol nol sulfate	
	Chin sol	
	8-Hy roxyquinoline sulfate	
	CAS: 134-31-6	
	SHA: 059804	
	Quinometh ionate (BSI)	576
719C	Quinone	
	CAS: 106-51-4	
	SHA: 059805	
	Quinothi	343A
720	2,3-Quin xalinedithiol cyclic-trithiocarbonate	
	Thio inox (ISO)	
	Erad	
	CAS: 3-75-4	
	SHA: 084401	
721	N'-(2-Qui oxalinyl)sulfanilamide	
	Sulfa uinoxaline	
	CAS: 9-40-5	
	SHA: 077901	
	Quintiofo	4540
	Quintozer	640
721H	Quizalofo (ANSI)	
	2-[4- (6-Chloro-2-quinoxalinyl)oxy]phenoxy)propanic acid	
	CAS: 6578-12-6	
	Quizalofo ethyl ester	215D
	R 55	128B
	R 1303	165

CASWELL#	CHEMICAL	X-REFERENCE
	R 1856	128G
	R 1910	434A
	R 2063	432A
	R 4461	357
	R 4572	444
	R 7465	590A
	R 18531	497D
	R 25788	284A
	R 29148	8928B
	R 31680	033I
721AB	R 33865 0,0-Diethyl-0-phenylphosphorothioate	
	R 33986	334B
	R 34865	552B
	R 35140	033J
721B	R 40244 Racer 1-(m-Trifluoromethylphenyl)-3-chloro-4-chloromethyl-2-pyrrilidone CAS: 61213-25-0 SHA: 128401	
	R 47657	497C
	R 50224	893C

CASWELL#	CHEMICAL	X-REFERENCE
721D	R 50244	
	R 70588	119AAA
	R 152056	862B
725B	R 157836	
721G	R 173,20	
	4-Hydroxymethyl-2,3,5,6-tetrafluorobenzoic acid	
	Rabon	217A
	Racer	721B
	Racuza	408AA
	Rad-E-Cate 35	133
	Radopon	273
	Radozone TL	048AA
721C	Ragadan	
	Heptenophos (ISO PROP)	
	7-Chlorobicyclo[3.2.0]hepta-2,6-dien-6-yl dimethyl phosphate	
	HOE [illegible]982	
	Hostaquick	
	CAS: 23560-59-0	
	SHA: 215600	
	Rally	723K
	Ramrod	194
	Randox	284
721E	Rare earth	

CASWELL#	CHEMICAL	X-REFERENCE
	Raticate	606
	Ratimus	486AB
721A	Ravage	
	3-[5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone	
	3-(5-tert-Butyl-1,3,4-thiazol-2-yl)-4-hydroxy-1-methy-2-imidazolidinone	
	Buthidiazole (ANSI)	
	VEL 5026	
	Buthidiazole	
	CAS: 55511-98-3	
	SHA: 115901	
	RCAA	217AC
	RE 5353	454C
	RE 9006	378A
721F	RE-45601	
	Select	
	(E)-2-[1-(((3-Chloro-2-propenyl)oxy)imino)propyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one	
722B	Red Pepper Extract	
722	Red Squill	
	CAS: 07-60-8	
	SHA: 070801	
722C	Red Squill glycosides	
	CAS: 1003-70-6	
	Regim-8	890B
	Reglone	402
	Reldan	179AA

CASWELL#	CHEMICAL	X-REFERENCE
	Release	197
722A	Reserpine Methyl-18-β-hydroxy-11,17-α-dimethoxy-3-β-20-α-yohimban-16-β-carboxylate-3,4,5-trimethoxybenzoate ester Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxylenzoyl)oxy]-methyl ester CAS: 50-55-5 SHA: 123101	
	Resinan	311
	Resmethrin	083E
723	Resorcinol CAS: 108-46-3 SHA: 071401	
	Retard	352
723J	RH 0007 Fenridazon (ANSI) Potassium 1-(p-chlorophenyl)-1,4-dihydro-6-methyl-4-oxopyridazine-3-carboxylate Hybrex CAS: 83588-43-6 SHA: 119001	
	RH 30	195C
	RH 124	498A
	RH 218	888D
723I	RH 0265 2-Ethoxy-2-oxoethyl-5-(2-chloro-4-(trifluoromethyl))phenoxy-2-nitrobenzoate Fluoroglycofen ethyl ester (ANSI) CAS: 77501-90-7	
	RH 315	306A

CASWELL#	CHEMICAL	X-REFERENCE
	RH 787	718B
	RH 886	195C
	RH 893	613C
	RH 915	188AAA
	RH 945	718AA
723G	RH 0994 O-[4- (4-Chlorophenyl)thio]phenyl]-O-ethyl-S-propyl-phosphorothioate	
	RH 2512	601BD
	RH 2915	188AAA
723K	RH 3866 α-Butyl-α-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile Myclobutanil (ANSI) Systhane Rally Nova CAS: 8671-89-0 SHA: 128857	
	RH 3928	465N
	RH 5148	756A
	RH 6205	755D
723Q	RH-7592 2-(2- 4-Chloroprophenyl)ethyl)-2-phenyl-3-(1H-1,2,4-triazole)-1-propanenitrile CAS: 14369-43-6	
723P	RH-7988	

CASWELL#	CHEMICAL	X-REFERENCE
	RH-8817	007B
	RH 32915	188AAA
	RH 45148	756A
723L	RH 64149	
723M	RH 64178	
723N	RH 64914	
	RH 651 calcium chloride	195C
723H	Rhodamine B CAS: 81-88-9	
	Rhone-Poulenc	012B
723C	Richonol 7079	
723D	Richonol 7093	
723E	Richonol 7103	
723F	Richonol 7260	
	Ridomil	375AA
	Ro 6-0761	373B
723B	RO 13-8895 Acetone-o-[D-2-[p-[(α,α,α-trifluoro-p-oxy]phenoxy]propionyl]oxime	
	Roccal benzalkonium chloride *(fatty acids of coconut)	016G
	Roccal MC-14	016I

CASWELL#	CHEMICAL	X-REFERENCE
	Roccal Mist L0491	016
	Rogor	358
	Rogue	325
	Ro-Neet	432A
	Ronilan	323C
724	Ronnel (ANSI) O,O-Dimethyl-O-(2,4,5-trichlorophenyl)phosphorothioate Fenchlorphos (ISO) Trolene Korlan Viozene Nankor CAS: 299-84-3 SHA: 058301 CFR: 180.177	
	Ronstar	624A
	Rootone	588
725	Rotenone Protex 1,2,12,12A-Tetrahydro-8,9-dimethoxy-2-(1-methylethenyl)-[1]-benzo-pyrano[3,4-b]-furo-[2,3-H][1]-benzopyran-6(6H)-one CAS: 83-79-4 SHA: 071003	
	Round-up	471AAB
	Rovral	470A
	Rowmate	298A
	Rowtate	380A

CASWELL#	CHEMICAL	X-REFERENCE
	Rozol	211C
	RP 11974	660A
	RP 17623	624A
	RP 26019	470A
	RU 22974	463B
	RU 25474	861AA
	Rubigan	207AA
	Ruelene	263A
	Rutgers 612	445
727	Ryanodine SHA: 071502	
727A	Rydex 2,4-Dinitro-N3,N3-dipropyl-6-(trifluoromethyl)-1,3-benzenediamine Prodiamine (ANSI) USB 3153 CAS: 29091-21-2 SHA: 110201	
	Ryzelan	623A
725A	(RS)-a-Cyano-3-phenoxybenzyl-(1RS)-cis,trans-chrsanthemate Gokilaht S 2703 Forte CAS: 39515-40-7	
	S 2957	310A
	S 3206	273H

CASWELL#	CHEMICAL	X-REFERENCE
	S-3307	207N
	S-3349	857E
	S 4075	648B
	S 6000	272
	S 6115	271D
	S 6900	366C
	S 7173	075C
	S 9115	271D
	S 15076	434AA
	S 15544	083EE
	S 21634	574C
	SA 1013	830A
728	Sabadilla alkaloids CAS: 8051-02-3 SHA: 002201	
	SADH	808
729	Safrole 4-Allyl-1,2-(methylenedioxy)benzene CAS: 94-59-7 SHA: 097901	
	Safrotin	706A

CASWELL#	CHEMICAL	X-REFERENCE
730	Salicylanilide o-Hydroxybenzanilide CAS: 87-17-2 SHA: 077407	
731	Salicylic Acid CAS: 69-72-7 SHA: 076602	
	Salthion	549D
	San 197	365AAA
	SAN 582H	195J
	SAN 619F	272E
	San 97895	195AA
	Sancap	456AA
731C	San 371F Oxadixyl-3-methoxy-N-(2,6-dimethylphenyl)-N-(2-oxo-3-oxazolidinyl)-acetamide	
	San 326 I	340B
	Sansone 6706	188A
	Santobrite	641
	Santocel	734A
	Santophen	641
731A	Saponin CAS: 8047-15-2 SHA: 097004	

CASWELL#	CHEMICAL	X-REFERENCE
	Sarclex	528
	Sarolex	342
	Saturn	207DA
	Savfos	285A
	SBP-1382	083E
	SC-0051	194E
	SC 0058	431E
	SC 0224	893C
731Q	SC 1084 Poppenate methyl Trophy	
731H	SC 12350 2-[o-Chloro-(nitromethyl)benzylthio]-ethylamine hydrochloride Nitralamine hydrogen chloride	
731D	Scandium chloride	
	Scepter	003C
	Schering 4072	648B
	Schradan	610
731S	Sclerotina sclerotiorum	
	Sclex	328A
731DE	Scytalidium FY	

CASWELL#	CHEMICAL	X-REFERENCE
	SD 3417	333
	SD 3562	376
	SD 7859	187
	SD 8447	217A
	SD 9098	187A
	SD 9129	377
	SD 11831	578
	SD 12191	300A
731J	SD 12657 Dimethyl phosphate of 3-hydroxy-N-hydroxy-methyl-cis-crotonamide	
731K	SD 13311 3-Hydroxy-N-hydroxy-methyl-cis-crotonamide, α-glucoside-3-dimethyl phosphate ester	
	SD 14114	481DD
731L	SD 14327	
731M	SD 14328	
	SD 15418	188C
	SD 17250	556A
731N	SD 30470	
731O	SD 30498	
731P	SD 31723	

CASWELL#	CHEMICAL	X-REFERENCE
	SD 35651	849D
731-I	SD 54597 Benzenepropanenitrile, 4-chloro-β-(1-methylethyl)-α-(3-phenoxyphenyl) 2-(3-Phenoxyphenyl)-3-(4-chlorophenyl)-4-methylpentanenitrile Decarboxy-fenvalerate	
	SD 84811	063C
731G	SD 95481 7-Oxabicyclo(2,2,1)heptene-exo-1-methyl-4(1-methylethyl-2-(2-methylphenylmethoxy) Cinmethylin (ANSI) Cinch CAS: 87818-31-3 SHA: 128837	
731R	SD 205588	
	SDS-2020	833C
	SDS-3032	825B
	SDS-3133	825C
	SDS-3176	506B
	SDS-5473	876D
	SDS-13353	883D
	SDS-19221	825A
	SDS-46851	874E
	SDS-47523	874D
	SDS-47524	874C

CASWELL#	CHEMICAL	X-REFERENCE
	SDS-47525	876C
	Sebuthylazine	125A
	Secbumeton (ANSI)	125C
	Seedrin	012
	Selecron	266AA
	Select	721F
732	Selenium CAS: 7782-49-2 SHA: 072001	
732A	Selenium disulfide CAS: 7488-56-4 SHA: 072003	
	Semeron-25	509B
	Semesan	192B
	Sencor	033D
	Sendran	508
	Serinal	322C
	SES	319
733	Sesame Oil CAS: 8008-74-0 SHA: 072401	
	Sesamin	098A

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CASWELL#	CHEMICAL	X-REFERENCE
	Sesone	319
	Sethoxydim	072A
	Sevin	160
	S 2539 Forte	651E
	Shed-A-Leaf "L"	753
	Shirlan	790B
	Shoxin	606
733A	Siduron (ANSI) 1-(2-Methylcyclohexyl)-3-phenylurea Tupersan Trey CAS: 1982-49-6 SHA: 035509	
	Silaid	188CC
734	Silica gel Dri-Die CAS: 1343-98-2 SHA: 072602	
734A	Silicon dioxide Micro-cel Silikil Syloid Zeolex Santocel Hi-Sil CAS: 7631-86-9 SHA: 072605	

CASWELL#	CHEMICAL	X-REFERENCE
	Silikil	734A
	Silotracin	909A
735	Silver Silver, colloidal CAS: 7440-22-4 SHA: 072501	
735A	Silver chloride CAS: 7783-90-6 SHA: 072506	
	Silver, colloidal	735
736	Silver fluoride CAS: 7775-41-9 SHA: 072502	
737	Silver nitrate CAS: 7761-88-8 SHA: 072503	
738	Silver thiuronium acrylate co-polymer CAS: 53404-00-5	
739	Silvex (ANSI) 2-(2,4,5-Trichlorophenoxy)propionic acid 2,4,5-TP Fenoprop (ISO) Fruitone T Kurosal CAS: 93-72-1 SHA: 082501 CFR: 180.340	
739A	Silvex, 2-butoxyethyl ester 2-(2,4,5-Trichlorophenoxy)propionic acid, 2-butoxyethyl ester CAS: 19398-13-1 SHA: 082553	

CASWELL#	CHEMICAL	X-REFERENCE
739B	Silvex, butoxypolypropoxypropyl ester 2-(2,4,5-Trichlorophenoxy)propionic acid, butoxypolypropoxypropyl ester CAS: 53404-07-2 SHA: 082576	
739C	Silvex, butoxypropyl ester (or propylene glycol butyl ether ester) 2-(2,4,5-Trichlorophenoxy)propionic acid, butoxypropyl ester Kuron CAS: 25537-26-2 SHA: 082555	
739D	Silvex, diethanolamine salt 2-(2,4,5-Trichlorophenoxy)propionic acid, diethanolamine salt CAS: 51170-59-3 SHA: 082516	
739E	Silvex, diisopropanolamine salt 2-(2,4,5-Trichlorophenoxy)propionic acid, diisopropanolamine salt CAS: 53404-09-4 SHA: 082518	
739LA	Silvex, dimethylamine salt	
739F	Silvex, dipropylene glycol isobutyl ether ester 2-(2,4,5-Trichlorophenoxy)propionic acid, dipropylene glycol isobutyl ether ester CAS: 53535-26-5 SHA: 082557	
739G	Silvex, ethanolamine salt 2-(2,4,5-Trichlorophenoxy)propionic acid, ethanolamine salt CAS: 7374-47-2 SHA: 082521	
739H	Silvex, 2-ethylhexyl ester 2-(2,4,5-Trichlorophenoxy)propionic acid, 2-ethylhexyl ester CAS: 53404-76-5	

CASWELL#	CHEMICAL	X-REFERENCE
739I	Silvex, isooctyl ester 2-(2,4,5-Trichlorophenoxy)propionic acid, isooctyl ester CAS: 32534-95-5 SHA: 082578	
739J	Silvex, isopropanolamine salt 2-(2,4,5-Trichlorophenoxy)propionic acid, isopropanolamine salt CAS: 53404-13-0 SHA: 082524	
739K	Silvex, monohydroxyaluminum salt 2-(2,4,5-Trichlorophenoxy)propionic acid, monohydroxyaluminum salt CAS: 69622-82-8 SHA: 339000	
739LL	Silvex, polypropoxypropyl ester CAS: 53404-07-2	
739L	Silvex, potassium salt 2-(2,4,5-Trichlorophenoxy)propionic acid, potassium salt CAS: 2818-16-8 SHA: 082503	
739M	Silvex, propylene glycol ether ester CAS: 25537-26-2	
739N	Silvex, propylene glycolisobutyl ether ester 2-(2,4,5-Trichlorophenoxy)propionic acid, propylene glycol isobutyl ether ester CAS: 53466-84-5 SHA: 082573	
739O	Silvex, sodium salt 2-(2,4,5-Trichlorophenoxy)propionic acid, sodium salt CAS: 37913-89-6 SHA: 082504	
739P	Silvex, triethanolamine salt 2-(2,4,5-Trichlorophenoxy)propionic acid, triethanolamine salt CAS: 17369-89-0 SHA: 082533	

CASWELL#	CHEMICAL	X-REFERENCE
739Q	Silvex, triethylamine salt 2-(2,4,5-Trichlorophenoxy)propionic acid, triethylamine salt CAS: 53404-74-3 SHA: 082534	
739R	Silvex, triisopropanolamine salt 2-(2,4,5-Trichlorophenoxy)propionic acid, triisopropanolamine salt CAS: 53404-75-4 SHA: 082535	
739S	Silvex, tripropylene glycolisobutyl ether ester 2-(2,4,5-Trichlorophenoxy)propionic acid, tripropylene glycol isobuytl ether ester CAS: 53535-30-1 SHA: 082575	
	Silvisar	133
740	Simazine (ANSI) 2-Chloro-4,6-bis(ethylamino)-s-triazine (CA) Princep Gesapun Amizine Primatol S CDT CAS: 122-34-9 SHA: 080807 CFR: 180.213	
	Simetryn	094B
	Sinbar	821A
	Sinox	390
	Sir 8514	217C
	Sirmate	298A

CASWELL#	CHEMICAL	X-REFERENCE
	SKW 8510 NS	329B
	S-3308L	307A
	Slime-trol	116B
	Slimicide	016C
	Slimicide (part, see casw 016C)	019FF
	Slimicide (part, see casw 019FF)	1308B
	Slo-Gro	352
740A	SM-3 Cytex	
	SMA	755A
	SMDC	780
	Smite	744A
	SN-316	271C
	SN 475	447AAA
	SN 38170	447AAA
	SN 49537	659A
740B	SN 72129 2'-Chloro-3-hydroxy-2-(4-phenyl-2-thiazolyl)-cinnamonitrile 2-Chloro-β-oxo-α-(4-phenyl-2(3H)-thiazolylidene)-benzenepropanenitrile	
	Snip	496B
741	Soap CAS: 68952-95-4 SHA: 079009	

CASWELL#	CHEMICAL	X-REFERENCE
741A	Sodium acetate CAS: 127-09-3 SHA: 044006	
742	Sodium acid sulfate Sodium bisulfate CAS: 7681-38-1 SHA: 073201	
742A	Sodium alkyl*-poly(oxyethylene) sulfate *(C12-C15) Neodol-25-3S CAS: 68511-39-7 SHA: 342200	
742B	Sodium aluminum fluosilicate CAS: 53404-77-6 SHA: 075308	
743	Sodium arsenate CAS: 13464-38-5 SHA: 013505 CFR: 180.196	
744	Sodium arsenite CAS: 7784-46-5 SHA: 013603 CFR: 180.335	
744A	Sodium azide Smite Kazoe CAS: 26628-22-8 SHA: 107701	
	Sodium benzenesulfonchloramide	169
746	Sodium benzoate CAS: 532-32-1 SHA: 009103	

CASWELL#	CHEMICAL	X-REFERENCE
	Sodium-o-benzyl-p-chlorophenate	083B
747	Sodium bicarbonate CAS: 144-55-8 SHA: 073505	
747A	Sodium bifluoride CAS: 1333-83-1 SHA: 075201	
748	Sodium binoxalate CAS: 1186-49-8 SHA: 009602	
	Sodium bisulfate	742
750	Sodium bisulfite CAS: 7631-90-5 SHA: 078201	
751	Sodium N-(5-bromo-1,6-dihydro-6-oxo-1-phenyl-4-pyridazinyl)oxamate Oxapyrazon(e)-sodium CAS: 5316-56-7	
750A	Sodium bromide CAS: 7647-15-6 SHA: 013907	
	Sodium cacodylate	133A
751A	Sodium caprylate CAS: 984-06-1	
752	Sodium carbonate CAS: 497-19-8 SHA: 073506	
752A	Sodium carboxymethyl cellulose CAS: 9004-32-4	

CASWELL#	CHEMICAL	X-REFERENCE
753	Sodium chlorate Altacide Chlorex Drop-Leaf Fall Tumbleaf Shed-A-Leaf "L" CAS: 7775-09-9 SHA: 073301	
755C	Sodium 5-chloro-2-[4-chloro-2-[3-(3,4-dichlorophenyl)ureido]phenoxy]benzenesulfonate Mitin FF CAS: 3567-25-7 SHA: 058802	
754	Sodium chloride CAS: 7647-14-5 SHA: 013905	
755	Sodium chlorite CAS: 7758-19-2 SHA: 020502	
	Sodium 4-chloro-3-methylphenolate	756
755A	Sodium chloroacetate Sodium monochloroacetate SMA CAS: 3926-62-3 SHA: 55200	
756	Sodium p-chloro-m-cresolate Sodium 4-chloro-m-cresolate (CA) Sodium 4-chloro-3-methylphenolate (CA*) CAS: 15733-22-9 SHA: 064205	
	Sodium 4-chloro-m-cresolate	756

CASWELL#	CHEMICAL	X-REFERENCE
756A	Sodium 1- p-chlorophenyl)-1,4-dihydro-6-methyl-4-oxopyridazine-3-carboxylate	
	RH 51 8	
	RH 45 48	
755D	Sodium-5-[(2-chloro-4-trifluoromethyl)phenoxy]-2-nitrobenzoate (ANSI)	
	Acifluorfen, sodium salt	
	Sodium 5-[(2,-chloro-α,α,α-trifluoro-p-tolyl)oxy]-2-nitrobenzoate	
	Carbofluorfen	
	Blaze	
	RH 62 5	
	CAS: 2476-59-9	
	SHA: 14402	
	CFR: 80.383	
	Sodium-N-chloro-p-toluenesulfonamide	170
	Sodium-2- 4-((3-chloro-5-(trifluoromethyl-2-pyridinyl)oxy)phenoxy)propanoate	419L
	Sodium 5- (2,-chloro-α,α,α-trifluoro-p-tolyl)oxy]-2-nitrobenzoate	755D
757	Sodium chromate	
	CAS: 775-11-3	
	SHA: 068303	
755B	Sodium cis-2-chloroacrylate	
	Prep	
	UC 20 99	
	CAS: 312-97-4	
	SHA: 355300	
757A	Sodium cresolate	
	CAS: 4689-46-8	
	SHA: 357200	
758	Sodium cyanide	
	CAS: 143-33-9	
	SHA: 074002	

CASWELL#	CHEMICAL	X-REFERENCE
758D	Sodium cyanurate	
758E	Sodium cyanurate isocyanurate	
	Sodium dehydroacetate	278A
758C	Sodium diacetate CAS: 126-96-5	
	Sodium dichloroisocyanurate	759
	Sodium 2,4-dichlorophenoxyethyl sulfate	319
759	Sodium dichloro-s-triazinetrione Sodium dichloroisocyanurate CAS: 2893-78-9 SHA: 081404	
759A	Sodium dichloro-s-triazinetrione dihydrate	
761	Sodium dichromate CAS: 10588-01-9 SHA: 068304	
761A	Sodium dihydrogen phosphate	
	Sodium [4-(dimethylamino)phenyl]diazenesulfonate	359B
762	Sodium dimethyl dithiocarbamate CAS: 128-04-1 SHA: 034804 CFR: 130.152	
762A	Sodium di(monoethanolamine) phosphate CAS: 53404-78-7 SHA: 076411	
	Sodium 4,6-dinitro-o-cresylate	390A

CASWELL#	CHEMICAL	X-REFERENCE
	Sodium dioctyl sulfosuccinate	3921
765	Sodium dodecylbenzenesulfonate CAS: 25155-30-0 SHA: 079010	
	Sodium edetate	438C
766	Sodium ethylmercurithiosalicylate [(o-Carboxyphenyl)thio]ethylmercury, sodium salt (CA) Elcide 73 Merthiolate Thimerosal CAS: 54-64-8 SHA: 078901	
	Sodium fluoaluminate	264
769	Sodium fluoride CAS: 7681-49-4 SHA: 075202	
770	Sodium fluoroacetate Compound 1080 CAS: 62-74-8 SHA: 075003	
771	Sodium fluosilicate Sodium silicofluoride CAS: 16893-85-9 SHA: 075306	
771A	Sodium gluconate CAS: 14906-97-9	
772	Sodium hexametaphosphate CAS: 10124-56-8 SHA: 076402	

CASWELL#	CHEMICAL	X-REFERENCE
774	Sodium hydrosulfite CAS: 7775-14-6 SHA: 078202	
773	Sodium hydroxide CAS: 1310-73-2 SHA: 075603	
	Sodium hydroxymercuri-o-nitrophenolate	492A
	Sodium 1-hydroxypyridine-2-thione	790A
776	Sodium hypochlorite CAS: 7681-52-9 SHA: 014703	
777	Sodium iodide CAS: 7681-82-5 SHA: 075702	
620	Sodium isethionate, oleyl ester CAS: 142-15-4	
778	Sodium isopropylxanthate CAS: 7558-79-4 SHA: 076403	
778A	Sodium laurate CAS: 629-25-4 SHA: 079026	
779	Sodium lauryl sulfate CAS: 151-21-3 SHA: 079011	
779B	Sodium metabisulfite CAS: 7631-90-5	

CASWELL#	CHEMICAL	X-REFERENCE
779AA	Sodium metaborate Sodium metaborate tetrahydrate CAS: 7775-19-1 SHA: 011104	
	Sodium metaborate tetrahydrate	779AA
779A	Sodium metasilicate	
780	Sodium methyldithiocarbamate Vapam Metam-Sodium (ISO) SMDC Solasan Trimaton CAS: 6734-80-1 SHA: 039003	
780C	Sodium methyl sulfate CAS: 512-42-5	
	Sodium monochloroacetate	755A
781	Sodium nitrate CAS: 7631-99-4 SHA: 076104	
781A	Sodium nitrilotriacetate CAS: 10042-84-9 SHA: 381300	
782	Sodium nitrite CAS: 7632-00-0 SHA: 076204	
778B	Sodium N-lauroylsarcosinate Gardol CAS: 137-16-6 SHA: 000174	

CASWELL#	CHEMICAL	X-REFERENCE
780AA	Sodium N-methyl-N-oleoyltaurate CAS: 7346-80-7 SHA: 079068	
780A	Sodium N-1-naphthylphthalamate Alanap-3 Nip-A-Thin 602 CAS: 132-67-2 SHA: 030703	
783	Sodium octylbenzene sulfonate CAS: 28675-11-8	
783A	Sodium oleate CAS: 143-19-1	
	Sodium paratoluenesulfonchloramide	170
784	Sodium pentachlorophenate Pentachlorophenol, sodium salt CAS: 131-52-2 SHA: 063003	
784A	Sodium perborate CAS: 10332-33-9 SHA: 011105	
785	Sodium persulfate CAS: 15593-29-0 SHA: 063603	
786A	Sodium phenate CAS: 139-02-6 SHA: 064002	

CASWELL#	CHEMICAL	X-REFERENCE
787	Sodium-o-phenylphenate Phenylphenol, sodium salt Dowicide A SOPP CAS: 132-27-4 SHA: 064104 CFR: 180.129	
787A	Sodium-o-phenylphenate tetrahydrate	
788	Sodium phosphate CAS: 140-93-2 SHA: 076301	
788B	Sodium phosphite	
788A	Sodium N-phosphonomethyl glycine CAS: 70393-85-0 SHA: 103603	
789	Sodium polysulfide CAS: 1344-08-7 SHA: 006902	
	Sodium propionate	707A
790A	Sodium 2-pyridinethiol-1-oxide 1-Hydroxy-2(1H)-pyridinethione, sodium salt (CA) Omadine-sodium Sodium 1-hydroxypyridine-2-thione CAS: 15922-78-8 SHA: 088004	
790AA	Sodium pyroarsenate CAS: 13464-42-1 SHA: 013401	

CASWELL#	CHEMICAL	X-REFERENCE
790B	Sodium salicylanilide Shirlan CAS: 2593-10-4	
791	Sodium selenate CAS: 13410-01-0 SHA: 072002	
792	Sodium silicate CAS: 1344-09-8 SHA: 072603	
	Sodium silicofluoride	771
793	Sodium sulfate CAS: 7757-82-6 SHA: 005604	
794	Sodium sulfite CAS: 10579-83-6 SHA: 078203	
	Sodium sulforicinoleate	899A
	Sodium tetraborate decahydrate	108
796	Sodium tetrachlorophenate CAS: 25567-55-9 SHA: 063005	
796B	Sodium tetrathiocarbonate CAS: 7345-69-9	
796A	Sodium thiocyanate CAS: 540-72-7 SHA: 068202	
796C	Sodium thiosulfate CAS: 7772-98-7	

CASWELL#	CHEMICAL	X-REFERENCE
796CD	Sodium toluenesulfonate CAS: 12068-03-0	
797	Sodium trichloroacetate CAS: 650-51-1 SHA: 081001 CFR: 180.310	
797A	Sodium 2,4,5-trichlorophenate CAS: 136-32-3 SHA: 064217	
798	Sodium 2-(2,4,5-trichlorophenoxy)ethyl sulfate Natrin CAS: 3570-61-4 SHA: 398200	
799	Sodium tripolyphosphate CAS: 7758-29-4 SHA: 076404	
799A	Sodium xylene sulfonate CAS: 1300-72-7 SHA: 079019	
	Soilbrom-85	439
	SOK	219A
800	Solan (ANSI) 3'-Chloro-2-methyl-p-valerotoluidide (CA) N-(3-Chloro-4-methylphenyl)-2-methylpentamide Pentanochlor (ISO) CAS: 2307-68-8 SHA: 020901	
	Solasan	780

CASWELL#	CHEMICAL	X-REFERENCE
	Solicam	195AA
	Sonalan	453B
	Sonar	568A
	Sonolure	411B
	Sophamide	033
	SOPP	787
801	Sorbic acid CAS: 110-44-1 SHA: 075901	
801A	Sorbic acid, potassium salt CAS: 24634-61-5	
801B	Soybean oil CAS: 8001-22-7 SHA: 031605	
	Spectracide	342
	Spergon	171
801C	Sperm oil CAS: 8002-24-2 SHA: 099701	
	Spike	366AA
	Sponto	028AA
	Sponto 176	677B
	Sponto 196	677A

CASWELL#	CHEMICAL	X-REFERENCE
	Spotless	307A
	Spotrete	856
	Squalane	482A
	Squaxin	568A
	SRA 7502	902L
	SRA 128691	447AB
801E	SRA 12869, chloride ester 1-Methylethyl-2-[(chloro-1-methylethyl-amino-phosphinothioyl)oxy]benzoate	
	ST-100	131A
	Stabilene	122
	Stam	325
	Standak	011AA
	Standard lead arsenate	524
	Starlicide	216A
	Staticide	119AA
801D	Stearic acid Octadecanoic acid (9CI) CAS: 57-11-4 SHA: 079082	
	Stemtrol	373B
	Steri-chem DM-40	896K

CASWELL#	CHEMICAL	X-REFERENCE
	Steri-chem DM-50N	867EE
	Stetco Impact	119AA
	Stirofos	217A
801F	Stirrup Multirate-methyl alkenol 3,7,11-Trimethyl-2,6,10-dodecatriene-1-ol and 3,7,11-trimethyl-1,6,10-dodecatriene-3-ol CAS: 4602-84-0	
	Stirrup M	556J
802	Stoddard solvent CAS: 8052-41-3 SHA: 063504	
	Stop-Scald	427D
804B	Streptomyces cells	
804	Streptomycin Agrimycin Agri-Strep CAS: 57-92-1 SHA: 006306 CFR: 180.245	
804A	Streptomycin sulfate CAS: [illegible]8-39-5 SHA: 006310	
	Strobane	822
805	Strychnine CAS: 57-24-9 SHA: 076901	

CASWELL#	CHEMICAL	X-REFERENCE
806	Strychnine sulfate CAS: 60-41-3 SHA: 076902	
806A	Styrene-maleic anhydride copolymer CAS: 9011-33-6	
	Subitex	392DD
807	Succinchlorimide CAS: 128-09-6 SHA: 077301	
808	Succinic acid, 2,2-dimethylhydrazide (CA) Butanedioic acid mono-(2,2-dimethylhydrazide) Daminozide (ANSI) B-Nine Alar SADH Aminozide CAS: 1596-84-5 SHA: 035101 CFR: 180.246	
	Sucker-Stuff	352
	Suercide	268G
808A	Sulfacetamide CAS: 144-80-9 SHA: 077904	
	Sulfallat	180
809	Sulfamic acid CAS: 329-14-6 SHA: 078101	

CASWELL#	CHEMICAL	X-REFERENCE
809A	Sulfanilamide CAS: 3-74-1 SHA: 077902	
	Sulfaquinoxaline	721
809B	Sulfathiazole CAS: 2-14-0 SHA: 077903	
809C	Sulfinimide	
	Sulfocarb	011AA
810C	Sulfocarb nitrile	
810B	Sulfocarb oxime	
	Sulfodiazol	902C
	Sulfometuron-methyl	561D
	Sulfonated castor oil	899
810A	Sulfonated cresol CAS: 3127-34-4 SHA: 22106	
810D	Sulfonated oleic acid, sodium salt CAS: 3443-05-0	
810	Sulfonated petroleum soap CAS: 1789-62-6 SHA: 79012	
811	Sulfonated vegetable oil CAS: 1790-19-0 SHA: 79013	

CASWELL#	CHEMICAL	X-REFERENCE
	Sulfosate	893C
	Sulfotepp	837
	Sulfox-Cide	615
	Sulfoxide	615
811A	Sulframid 1298	
812	Sulfur Sulphur CAS: 7704-34-9 SHA: 077501	
813	Sulfur dioxide CAS: 7446-09-5 SHA: 077601	
814	Sulfur dioxide extract of petroleum SHA: 063401	
815	Sulfuric acid CAS: 7664-93-9 SHA: 078001	
815A	Sulfuric acid, monourea adduct	
816	Sulfuryl chloride CAS: 7791-25-5 SHA: 078002	
816A	Sulfuryl fluoride Vikane CAS: 2699-79-8 SHA: 078003	
	Sulphenone	211D

CASWELL#	CHEMICAL	X-REFERENCE
	Sulphur	812
	Sulprofos	453AA
	Sultropen	392B
	Sumicidin	077A
601C	Sumioxon 0,0-D methyl-O-(3-methyl-4-nitrophenyl)phosphorothioate CAS: 22-24-5	
	Sumithion	373
	Sumithrin	652B
	Sumitol	125C
	Sunscreen	469B
	Supona	187
	Supracide	378B
	Surcopur	325
	Sure Sol 145	055E
	Sure Sol 190	055E
	Surflan	623A
817A	Sur Sol 100-1 Petroleum hydrocarbon oils	
	Suster	889B
	Sutan	434A

CASWELL#	CHEMICAL	X-REFERENCE
818	Swep (ANSI) Methyl-3,4-dichlorocarbanilate CAS: 1918-18-9 SHA: 084601	
	Syllit	419
	Syloid	734A
818F	Syltint blue	
818D	Syltint red	
818E	Syltint yellow	
	Synklor	174
	Synthetic pyrethrins	463B
	Synthrin	083E
	Systemox	279
	Systhane	723K
	Systox	279
	2,4,5-T	881
	T-930	399F
818B	Tackle (see caswell 755D)	
	Take Charge Orange	287AAA
818C	Talc CAS: 14807-96-6	

CASWELL#	CHEMICAL	X-REFERENCE
818A	Tall oil fatty acid ethoxylates	
	Talon	114AAA
	Tamaron	378A
	Tamex	125E
	Tandem	419D
	Tandex	516A
819	Tannic acid CAS: 1401-55-4 SHA: 078502	
	Tartar emetic	053
	2,4,5-TB	881X
	TBA	873
821B	TBHQ tert-butyl hydroquinone	
	TBP	873B
	TBQ (part see casw 016E)	095
	TBQ (part see casw 095)	016E
	TBS	863
	TBTO	101
	TBZ	849A
	TCA	870

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CASWELL#	CHEMICAL	X-REFERENCE
	TCAB	824A
	TCBC	873A
	TCC	874
	TCNB	831
821AA	TCP 3,5,6-Trichloro-2-pyridinol CAS: 6515-38-4 SHA: 206900	
	TCTN	884A
	TCTP	834
	TD 1771	375A
	TDE	307
	TDF	932B
	Tebuthiuron	366AA
	Techni-kill 618	023CC
	Tecnazene	831
	Tecoram	436A
	Tedion	836
	Tefluthrin	838B
114AA	Tektamer 38 1,2-Dibromo-2,4-dicyanobutane	

CASWELL#	CHEMICAL	X-REFERENCE
	Telodrin	609
	Telone	324
	Telone C	324A
	Telvar	583
	Temephos	845
	Temik	011A
	Temik sulfone	011AA
	Tenoran	217B
	Tenox IBP 2	503AA
	TEPP	838
821A	Terbacil (ANSI) 3-tert-Butyl-5-chloro-6-methyluracil Sinba CAS: 5902-51-2 SHA: 012701 CFR: 180.209	
	Terbucarb	294
821C	Terbuchlor (ANSI) N-(Butoxymethyl)-2-chloro-N-[2-(1,1-dimethylethyl)-6-methylphenyl] acetamide N-(Butoxymethyl)-6'-tert-butyl-2-chloro-o-acetoluidine CAS: 4212-93-5 SHA: 221400	
	Terbuconazole	463P
	Terbufos	131A

CASWELL#	CHEMICAL	X-REFERENCE
	Terbumeton	125CC
	Terbut	125C
	Terbuthylazine	125B
	Terbutol	294
	Terbutryn	125D
	Terpene alcohol	595B
822	Terpene polychlorinates (65% or 66% chlorine-consists of chlorinated camphene, pinene, and related polychlorinates) Strobane CAS: 8001-50-1 SHA: 020401 CFR: 180.164	
822B	Terphenyl, hydrogenated	
822A	Terphthalate, bis alkyl	
823A	Alpha-Terpineol CAS: 98-55-5	
823	Terpineols CAS: 800-41-7 SHA: 067005	
	Terraclor	640
	Terracur P	343
	Terramycin	628
	Terrazole	428
	Tersan	075A

CASWELL#	CHEMICAL	X-REFERENCE
	Tersan SP	198
809F	Tert-Butyl(methylsulfonyl)methyl sulfone	
809E	Tert-Butyl(methylsulfonyl)methyl sulfoxide	
028AA	α-(p-tert Butylphenoxy)-ω-hydroxypoly(oxyethylene)-dihydro phosphate ester, sodium salt Sponto	
809D	Tert-Butyl-sulfinyl methyl sulfinyl methane	
809G	Tert-Butylsulfonyl)methylmethyl sulfoxide	
	2,4,5-TES	881Y
824A	3,3'4,4'-Tetrachloroazobenzene TCAB	
824B	3,3',4,4'-Tetrachloroazoxybenzene	
825	1,2,3,4-Tetrachlorobenzene Polystream CAS: 634-66-2 SHA: 061101	
825B	2,3,5,6 -Tetrachlorobenzonitrile SDS-3032	
	Tetrachloro-p-benzoquinone	171
825A	2,4,5,6-Tetrachloro-3-cyano-benzamide SDS-19221	
825C	2,4,5,6-Tetrachloro-dibenzamide SDS-3133	
	2,4,4',5-Tetrachlorodiphenyl sulfide	213

CASWELL#	CHEMICAL	X-REFERENCE
835B	Tetradecyltrimethyl ammonium bromide	
836	Tetradifon (ANSI) 4-Chlorophenyl-2,4,5-trichlorophenyl sulfone p-Chlorophenyl-2,4,5-trichlorophenyl sulfone (CA) Tedion CAS: 116-29-0 SHA: 079202 CFR: 180.174	
836B	Tetraethyl ammonium hydroxide CAS: 77-98-5	
836A	N,N,N,N-Tetraethyl-2,4-dinitro-6-trifluoromethyl-m-phenylenediamine UBS 2730	
837	O,O,O,O-Tetraethyl dithiopyrophosphate (CA) Sulfotepp Bladafum Dithione Dithio Thiotepp CAS: 3689-24-5 SHA: 079501	
	O,O,O',O'-Tetraethyl- S,S'-methylene bisphosphorodithioate	427
838	Tetraethyl pyrophosphate (CA) TEPP Tetron CAS: 107-49-3 SHA: 079601 CFR: 180.347	
	Tetrafenphos	845

CASWELL#	CHEMICAL	X-REFERENCE
	Tetrachloroterephthalic acid, dimethyl ester	382
833C	2,3,5,6-Tetrachloroterphthalonitrile SDS-2020	
833B	3,3,4,4-Tetrachlorotetrahydrothiophene 1,1-dioxide DS 649 Nopcocide DS 649 CAS: 3737-41-5 SHA: 103101	
834	Tetrachlorothiophene Penphene TCTP CAS: 6012-97-1 SHA: 074701	
	Tetrachlorovinphos	217A
835	Tetracopper calcium oxychloride CAS: 1336-15-8 SHA: 023502	
835D	Tetracycline CAS: 8003-09-6 SHA: 006307	
834A	Tetracyclohexyltin	
834B	Tetradecanal CAS: 124-25-4	
834C	(Z) and (E)-1,1-Tetradecen-1-yl acetate	
835C	n-Tetradecyl formate CAS: 5451-63-8	
835A	Tetradecylphenoxypolyethoxyethanol CAS: 61723-81-7 SHA: 435200	

CASWELL#	CHEMICAL	X-REFERENCE
826	1,1,2,2-Tetrachloroethane CAS: 79-34-5 SHA: 078601	
827	Tetrachloroethylene (CA) Perchloroethylene CAS: 127-18-4 SHA: 078501	
828	cis-N-[(1,1,2,2-Tetrachloroethyl)thio]-4-cyclohexene-1,2-dicarboximide Captafol (ANSI) Difolatan Folcid CAS: 2939-80-2 SHA: 081701 CFR: 180.267	
	1,3,4,6-Tetrachloroglycoluril and related compounds	176
829	1,3,4,6-Tetrachloroglycoluril and related compounds (part, see casw 176) CAS: 776-19-2 SHA: 078401	
	Tetrachloroisophthalonitrile	215B
830	3,3',4',5 Tetrachloro-2-(N-methylmethanesulfonamido)benzanilide Mitin CH-3374 Mitin CH-3667 Mitin NWE CAS: 13542-66-9 SHA: 430100	
830A	2,3,5,6-Tetrachloro-4-(methylsulfonyl)pyridine SA 10 3 Dowicil S-13 CAS: 3108-52-6 SHA: 068901	

CASWELL#	CHEMICAL	X-REFERENCE
	2,3,5,6-Tetrachloronitrobenzene	831
831	1,2,4,5-Tetrachloro-3-nitrobenzene 2,3,5,6-Tetrachloronitrobenzene Tecnazene (ISO) Fumite Fusarex Folosan TCNB CAS: 117-18-0 SHA: 055201 CFR: 180.203	
832	Tetrachlorophenols CAS: 25167-83-3 SHA: 063004	
832A	Tetrachlorophenols, alkyl*amine salt *(fatty acid of coconut oil) SHA: 063006	
832B	Tetrachlorophenols, potassium salt CAS: 53535-27-6 SHA: 063007	
832C	5,6,7,8-Tetrachloroquinoxaline Chlorquinox (ISO, BSI) CAS: 3495-42-9	
833	3,3',4',5-Tetrachlorosalicylanilide (CA) 3,5-Dichlorosalicyl-3,4-dichloroanilide BS-200 CAS: 1154-59-2 SHA: 077403	
833A	Tetrachloroterephthalic acid Chlorthal (ISO) CAS: 136-79-0	

CASWELL#	CHEMICAL	X-REFERENCE
838B	2,3,5,6-Tetrafluoro-4-methylbenzyl(1RS-cis-3-z-2-chloro-3,3,3,-trifluoro-prop-1-enyl)-2,2-dimethylcyclopropanecarboxylate PP 993 Tefluthrin	
	(2,3,5,6-Tetrafluorophenyl)-methyl ester-3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylic acid	075F
838A	Tetrafluoropolyethylene	
837B	Tetrafluron (ANSI) N,N-Dimethyl-N'-[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea 1,1-Dimethyl-3-[m-(1,1,2,2-tetrafluoroethoxy)phenyl]urea CAS: 27954-37-6 SHA: 382400	
	Tetrafur	642AA
838C	Tetraglycine hydroperiodide CAS: 7097-60-1	
839	Tetrahydroabietylamine acetate CAS: 53494-58-9 SHA: 004207	
	1,2,12,12A-Tetrahydro-8,9-dimethoxy-2-(1-methylethenyl)-[1]-benzo-pyrano[3,4-b]-furo-[2,3-H][1]-benzopyran-6(6H)-one	725
839A	Tetrahydro-5,5-dimethyl-2(H)-pyrimidinone(3-(4-trifluoromethyl)phenyl)-1-(2,4-(trifluoromethyl)phenyl)ethenyl)-2-propenylidene)hydrazone Hydramethylnon (ANSI) CAS: 67485-29-4 SHA: 118401 CFR: 180.395	

CASWELL#	CHEMICAL	X-REFERENCE
840	Tetrahydro 3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione (CA)	
	Dazomet (ISO,BSI)	
	3,5-Dimethyltetrahydro-2H-1,3,5-thiadiazine-2-thione	
	Mico-Fume	
	Mylone	
	DMTT	
	Prezervit	
	Tiazon	
	CAS: 533-74-4	
	SHA: 035602	
839B	Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione, sodium salt (CA)	
	CAS: 53404-60-7	
	Tetrahydro-5,5-dimethyl-[3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone	642AB
840A	Tetrahydrofurfuryl alcohol	
	CAS: 97-99-4	
	1,2,3,4-Tetrahydronaphthalene	842A
841A	5,6,7,8-Tetrahydro-1-naphthyl methylcarbamate	
	UC 8454	
	CAS: 1136-84-1	
	SHA: 441200	
842	Tetraiodoethylene (CA)	
	CAS: 513-92-8	
	SHA: 046908	
	CFR: 180.162	
	2',4',5',7'-Tetraiodofluorescein, disodium salt	425AB
	Tetrakil	642AA
	Tetrakis(N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]-1H-imidazole-1-carboxamide)manganese dichloride	704H

CASWELL#	CHEMICAL	X-REFERENCE
845	0,0,0',0'-Tetramethyl-0,0'-thiodi-p-phenylene phosphorothioate 0,0'-(Thiodi-4,1-phenylene)bis(0,0-dimethylphosphorothioate) Temephos (ANSI) Abate Biothion Abaphos Tetrafenphos CAS: 3383-96-8 SHA: 059001 CFR: 180.170	
	Tetramethylthiuram disulfide	856
845A	0,0,0,0-Tetrapropyl dithiopyrophosphate Aspon NPD CAS: 3244-90-4 SHA: 079101	
846	Tetrasodium ethylenediaminetetraacetate Ethylenediaminetetraacetic acid, tetrasodium salt Tetrasodium (ethylenedinitrilo)tetraacetate CAS: 64-02-8 SHA: 039107	
	Tetrasodium (ethylenedinitrilo)tetraacetate	846
847	Tetrasodium pyrophosphate CAS: 7722-88-5 SHA: 076405	
	Tetraspot	642AA
	Tetrasul	213
848	Tetrathionic acid CAS: 13760-29-7 SHA: 063702	

CASWELL#	CHEMICAL	X-REFERENCE
842A	Tetralin	
	1,2,3,4-Tetrahydronaphthalene	
	CAS: 119-64-2	
	SHA: 055901	
	Tetram	333E
844	Tetramethrin (ANSI)	
	1-(Cyclohexene-1,2-dicarboximido)methyl-2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate	
	N-(Hydroxymethyl)-1-cyclohexene-1,2-dicarboximide 2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate	
	Neopynamin	
	Phthalthrin	
	CAS: 7696-12-0	
	SHA: 069003	
842C	Tetramethylbutyl phenol	
842D	2,2,3,3-Tetramethylcyclopropane carboxylate anhydride	
	2,2,3,5-Tetramethylhexanoic acid	365A
842B	Tetramethylphophorodiamidicazide	
	Mazidox	
	CAS: 7219-78-5	
	SHA: 442300	
843	Tetramethylphosphorodiamidic fluoride (CA)	
	Dimefox (ISO)	
	Hanane	
	Pestox 14	
	CAS: 115-26-4	
	SHA: 443100	

CASWELL#	CHEMICAL	X-REFERENCE
	Tetron	838
	Tetrosan	018A
	TFM	890
849	Thallium sulfate CAS: 7446-18-6 SHA: 080001	
	Thanite	503
	TH-346-I	427B
	Thiabendazole	849A
849D	2H-1,3-Thiazine-tetrahydro-2-nitromethylene SD-35651 CAS: 7732-18-5	
849A	2-(4-Thiazolyl)benzimidazole (CA) Mertect Thiabendazole (ISO) TBZ CAS: 148-79-8 SHA: 060101 CFR: 180.242	
849AB	2-(4-Thiazolyl)benzimidazole, hypophosphite salt CAS: 28558-32-9	
	Thidiazuron	659A
	Thimerosal	766
	Thimet	660

CASWELL#	CHEMICAL	X-REFERENCE
849B	Thimet, sulfone of O,O'-Diethyl-S-ethylsulfonylmethyl phosphorodithioate Phorate sulfone CL 18,161 CAS: 2588-04-7	
849C	Thimet, sulfoxide of O,O-Diethyl-S-ethylsulfinylmethyl phosphorodithioate CL 18,177 Phorate sulfoxide CAS: 2588-03-6	
	Thiobencarb	207DA
	6,6'-Thiobis(4-chloro-o-cresol)	850
850	2,2'-Thiobis(4-chloro-6-methylphenol) 6,6'-Thiobis(4-chloro-o-cresol) (CA) Chlorbisan CAS: 4418-66-0 SHA: 064208	
851 51	2,2'-Thiobis(4-chlorophenol) (CA) Fentichlor Fenticlor Novex CAS: 97-24-5 SHA: 064209	
852	2,2'-Thiobis(4,6-dichlorophenol) (CA) Actamer Bithionol CAS: 97-18-7 SHA: 064201	
	Thiocarboxime	556A
	Thiochlorfenphim	212B

CASWELL#	CHEMICAL	X-REFERENCE
	Thiocron	033
	Thiocyanic acid	902A
853A	2-(Thiocyanomethylthio)benzothiazole Busan 72 (2-Benzothiazolylthio)methyl thiocyanate Busan 74 (part, also casw 495A) Busan 44 (see also caswell 487AB) CAS: 21564-17-0 SHA: 035603 CFR: 180.288	
853F	Thiocyclam-hydrogen oxalate N,N-Dimethyl-1,2,3-trithian-5-yl-amine hydrogen oxalate Evisect CAS: 31895-22-4	
	Thiodan	420
	Thiodemeton	341
	Thiodicarb	900AA
	O,O'-(Thiodi-4,1-phenylene)bis(O,O-dimethylphosphorothioate)	845
	Thiofanox	368BB
853C	Thiolsystox CAS: 126-75-0	
853E	Thiolsystox sulfone	
853D	Thiolsystox sulfoxide	
	Thiometon	455B
	Thionazin	345

CASWELL#	CHEMICAL	X-REFERENCE
	Thiophal	464
	Thiophanate	344A
	Thiophanate-methyl	375A
	Thiophanox (ANSI rejected)	3688B
	2-Thiophenecarboxylic acid,3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]-sulfonyl, methyl ester	573S
853B	2,2'(2,5-Thiophenediyl)bis(5-tert-butyl)-benzoxazole Uvitex OB CAS: 7128-64-5	
	Thioquinox	720
854	Thiosalicylic acid CAS: 7283-41-2 SHA: 078903	
	Thiotepp	837
855	Thiourea CAS: 62-56-6 SHA: 080201	
	Thioxamyl	561A
856	Thiram (ANSI) Tetramethylthiuram disulfide Bis(dimethylthiocarbamoyl) disulfide (CA) Arasan Thylate Spotrete Delsan Nomersan CAS: 137-26-8 SHA: 079801 CFR: 180.132	

CASWELL#	CHEMICAL	X-REFERENCE
	Thistrol	558
	THS 1240	507B
	THS 1241	507A
856C	THS 2487	
	Thuricide	066
856B	Thuringiensin	
	Thyfural	465N
	Thylate	856
856A	Thymol CAS: 89-83-8 SHA: 080402	
857	Thymoxydichloroacetic acid CAS: 22228-05-3 SHA: 080401	
	Tiazon	840
	TIBA	890A
	Tillam	710
	Tilt	323EE
857B	Tin	
	Tinuvin	494G
	Tiocarbazil	082AA

CASWELL#	CHEMICAL	X-REFERENCE
	Tiocarbenil	082AA
	Tirpate	364B
857A	Titanium	
857C	Titanium oxide	
	TK 1245	380C
	TMPD	893
	Tocopherol	902M
	TOCP	894A
	TOK	323D
	Tokunol M	573NN
	Tokuthion	714H
	Tolban	271BB
857E	Tolclofos-methyl O,O-Dimethyl-O-(2,6-dichloro-4-methylphenyl)phosphorothioate S-3349 CAS: 57018-04-9	
858	o-Toluanilide Mebenil (ISO) CAS: 7055-03-0 SHA: 458100	
859	Toluene CAS: 108-88-3 SHA: 080601	

CASWELL#	CHEMICAL	X-REFERENCE
859A	3-(p-Toluenesulfonyl)acrylonitrile CAS: 1424-48-2 SHA: 459200	
	Tolylfluanid	309AB
859B	Tolylmercuric acetate CAS: 1300-78-3 SHA: 459300	
860	N-meta-Tolylphthalamic acid Duraset CAS: 85-72-3 SHA: 030901	
	Tomato fix concentrate	204
	Tomato hold	204
	Tomatotone	204
	Tomorin	004A
	Topcide	075C
	Topiclor	174
	Topsin	344A
	Topsin M	375A
	Torak	280A
	Tordon	039
	Torelle	465CC
	Torpedo	089A

CASWELL#	CHEMICAL	X-REFERENCE
	Torque	481DD
	Tortrazine c Extra	007A
	Toxakil	861
861	Toxaphene (technical) (ANSI) Camphene (67%-69% chlorine) Camphechlor (ISO) Coopertox Alltex Toxakil CAS: 8001-35-2 SHA: 080501 CFR: 180.138	
	2,4,5-TP	739
	TPTH	896E
861AA	Tralomethrin α-Cyano-m-phenoxy-benzyl-(1R-(1-α-(S*)3-α-(RS*)))-2,2-dimethyl-3-(1,2,2,2-tetrabromoethyl)cyclopropanecarboxylate (8CI) 1R-1-α-2,2-Dimethyl-3-(1,2,2,2-tetrabromoethyl)cyclopropanecarboxylate-cyano(3-phenoxyphenyl) methyl ester (9CI) HAG 107 RU 25474 HOE 107 CAS: 66841-25-6 SHA: 121501	
	Tranid (Obsolete)	185B
	Trans-aid	048AA
861E	Transgenic Plant-Bacillus thuringiensis delat endo toxin	
861F	Transgenic Plant TMV (Tobacco Mosaic Virus) Coat protein	
	Treflan	889

CASWELL#	CHEMICAL	X-REFERENCE
	Triazid	374A
861D	Triazine Amine 1,3,5-Triazine-2-amine-4-methoxyl-6-methyl INA-4098	
	1,3,5-Triazine-2-amine-4-methoxy-6-methyl	861D
862	S-Triazinetriol S-Cyanuric acid CAS: 108-80-5 SHA: 081402	
	Triazole alanine	862B
862B	Triazolyl alanine Triazole alanine 2-Amino-3-(1,2,4-triazol-1-yl)-propanoic acid R 152056	
	Triazophos	344G
862AA	1-[1,2,4-Triazoyl-1]-1-[4-chloro-phenoxy]-3,3-dimethyl-butanone 1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-trizol-1-yl)-2-butanone Bayleton Triadimefon CAS: 43121-43-3 SHA: 109901 CFR: 180.410	
	Tri-ban	671
862A	Tribromomethanol CAS: 5405-30-1 SHA: 462300	
863	3,4',5-Tribromosalicylanilide (CA) TBS CAS: 87-10-5 SHA: 077404	

CASWELL#	CHEMICAL	X-REFERENCE
	Trey	733A
733B	Triacon-10 1-Triacontanol 1-Hydrocytriacontane Melissyl alcohol Myricyl alcohol M 8164 CAS: 593-50-0	
	1-Triacontanol	733B
	Triadimefon	862AA
	Triadimenol	074A
	Triallate	870A
861B	2,4,6-Triamino-s-triazine Melamine	
	Triamiphos	037A
861A	Triarimol (ANSI) α-(2,4-Dichlorophenyl)-α-phenyl-5-pyrimidinemethanol EL 273 CAS: 26766-27-8 SHA: 361200	
861C	Triasulfuron CGA-13331036 2-(2-Chloroethoxy)-N-[[(4-Methoxy-6-Methyl-1,3,5-T Riazin-2-yl)amino]carbony L]Benzenesulfonamide CAS: 82097-50-5	
	Triasyn	302
	Triazbutil	498A

CASWELL#	CHEMICAL	X-REFERENCE
863A	3,4,5-Tribromo-N,N,α-trimethylpyrazole-1-acetamide U 27267 CAS: 34157-48-7	
	Tribunil	081B
866	Tributyl (2,4-dichlorobenzyl) phosphonium chloride (CA) Chlorphonium chloride (ISO) Phosfon Phosphon CAS: 115-78-6 SHA: 080901	
	Tributyl[[2-methyl-2-propanoyl]oxy]stannane	867EF
864	S,S,S-Tributyl phosphorotrithioate (CA) DEF Degreen Fos-Fall "A" E-Z-Off D B 1776 CAS: 78-48-8 SHA: 074801	
865	Tributyl phosphorotrithioite (CA) Folex Merphos CAS: 150-50-5 SHA: 074901 CFR: 180.272	
866A	Tri-N-butyltetradecylphosphonium chloride CAS: 81741-28-8 SHA: 128824	
866B	Tributyltin	
867	Tributyltin acetate CAS: 56-36-0 SHA: 083105	

CASWELL#	CHEMICAL	X-REFERENCE
867I	Tributyltin acrylate CAS: 13331-52-7 SHA: 083121	
867AA	Tributyltin benzoate CAS: 4342-36-3 SHA: 083106	
867A	Tributyltin chloride CAS: 1461-22-9 SHA: 083107	
867B	Tributyltin chloride complex of ethylene oxide condensate of abietylamine (give equivalent tin) CAS: 56573-85-4 SHA: 083108	
867C	Tributyltin fluoride CAS: 1983-10-4 SHA: 083112	
867D	Tributyltin isopropyl succinate CAS: 53404-82-3 SHA: 083115	
867E	Tributyltin linoleate CAS: 24124-25-2 SHA: 083109	
867EE	Tributyltin maleate Steri-chem DM-50N CAS: 14275-57-1 SHA: 083118	
867EF	Tributyltin methacrylate (8CI) Tributyl[[2-methyl-2-propanoyl]oxy]stannane (9CI) CAS: 2155-70-6 SHA: 083120	

CASWELL#	CHEMICAL	X-REFERENCE
867F	Tributyltin monopropylene glycol maleate CAS: 53466-85-6 SHA: 083110	
867G	Tributyltin neodecanoate Carbon T-10 CAS: 28801-69-6 SHA: 083111	
867J	Tributyltin polyethyl silicate	
867H	Tributyltin resinate SHA: 083114	
868	Tributyltin salicylate CAS: 4342-30-7	
	Tricalcium arsenate	
868A	Tricalcium phosphate CAS: 7758-87-4	137
510 869	Tricamba (ANSI) 3,5,6-Trichloro-o-anisic acid 2-Methoxy-3,5,6-trichlorobenzoic acid Banvel T CAS: 2307-49-5 SHA: 017301	
	Tricarnam	
869A	Tricaprylyl methyl ammonium chloride CAS: 5137-55-3	160
	Trichlormethylfos	
870	Trichloroacetic acid TCA CAS: 76-03-9 SHA: 081002	179AA

CASWELL#	CHEMICAL	X-REFERENCE
870A	S-(2,3,3-Trichloroallyl) diisopropyl thiocarbamate (CA)	
	S-(2, ,3-Crichlorallyl) diisopropylthiocarbamate	
	Avadex BW	
	Far-Go	
	Triallate	
	CAS: 303-17-5	
	SHA: 78802	
	CFR: 80.314	
	3,5,6-Trichloro-o-anisic acid	869
873	2,3,6-Trichlorobenzoic acid and related polychlorobenzoic acids, dimethylamine salts	
	TBA	
	Benzac	
	Trysben	
	CAS: 3426-62-8	
	SHA: 017303	
873A	Trichlorobenzyl chloride	
	TCBC	
	CAS: 344-32-7	
	SHA: 17304	
	CFR: 80.273	
873B	1-[(2,3,6-Trichlorobenzyl)oxy]-2-propanol (CA)	
	Tritac	
	TBP	
	CAS: 1861-44-5	
	SHA: 081801	
	1,1,1-Trichloro-2,2-bis(p-chlorophenyl)ethane	308
874	3,4,4'-Trichlorocarbanilide	
	TCC	
	CAS: 101-20-2	
	SHA: 027901	

CASWELL#	CHEMICAL	X-REFERENCE
874E	2,5,6-Trichloro-3-carboxy-benzamide SDS-46851	
873C	Trichlorochlordene	
874D	2,4,5-Trichloro-3-cyanobenzamide SDS-47523	
874C	2,5,6-Trichloro-3-cyano-benzamide SDS-47524	
874B	N-[2,2,2-Trichloro-1-(3,4-dichloroanilino)ethyl]formamide Chloraniformethan (ISO,BSI) CAS: 20856-57-9	
874A	1,3,4-Trichloro-2,5-dimethoxybenzene CAS: 69653-71-0 SHA: 203500	
875	1,1,1-Trichloroethane Methyl chloroform CAS: 71-55-6 SHA: 081201	
875A	1,1,2-Trichloroethane CAS: 79-00-5 SHA: 081203	
876	Trichloroethylene CAS: 79-01-6 SHA: 081202	
876AA	1,2-O-(2,2,2-Trichloroethylidene)-α-D-glucofuranose Alphakil Alphachloralose CAS: 15879-93-3 SHA: 476200	

CASWELL#	CHEMICAL	X-REFERENCE
	Trichlorofluoromethane	878
	Trichlorofon	385
876C	2,5,6-Trichloro-4-hydroxy-3-cyanobenzamide SDS-47525	
	2,4,4'-Trichloro-2'-hydroxydiphenyl ether	186A
876B	Trichloroisocyanuric acid CAS: 87-90-1 SHA: 081405	
876D	2,4,5-Trichloroisophthalonitrile SDS-5473	
877	Trichloromelamine CAS: 7673-09-8 SHA: 077101	
	1,1,1-Trichloro-2-methyl-2-propanol	185
877B	Trichloromethylsulfenyl chloride Perchloromethyl mercaptan CAS: 594-42-3	
	N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide	159
	N-[(Trichloromethyl)thio]phthalimide	464
	N-(Trichloromethylthio)tetrahydrophthalimide	159
878	Trichloromonofluoromethane Trichlorofluoromethane Propellant 11 CAS: 75-69-4	
	Trichloronat	456A

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CASWELL#	CHEMICAL	X-REFERENCE
	Trichloronitromethane	
878A	2,2,2-Trichloro-N-(pentachlorophenyl)acetimidoyl chloride (CA) Bay 58733 CAS: 3583-63-9 SHA: 478200	214
879	2,4,5-Trichlorophenol CAS: 95-95-4 SHA: 064210	
880C	2,4,6-Trichlorophenol CAS: 88-06-2 SHA: 064212	
880	2,4,5-Trichlorophenol, 2,6-bis[(dimethylamino)methyl]cyclohexanone salt CAS: 53404-83-4 SHA: 064211	
880A	2,4,5-Trichlorophenol, potassium salt CAS: 35471-43-3	
881	2,4,5-Trichlorophenoxyacetic acid 2,4,5-T Dacamine Fence Rider Trinoxol Esteron 245 CAS: 93-76-5 SHA: 082001	
881B	2,4,5-Trichlorophenoxyacetic acid, alkyl*amine salt *(dodecylamine salt) CAS: 53404-84-5 SHA: 082011	
881D	2,4,5-Trichlorophenoxyacetic acid, alkyl*amine salt *(tetradecylamine salt) CAS: 53535-37-8 SHA: 082013	

CASWELL#	CHEMICAL	X-REFERENCE
881C	2,4,5-Trichlorophenoxyacetic acid, alkyl*amine salt *(tridecylamine salt) CAS: 53404-85-6 SHA: 082012	
881L	2,4,5-Trichlorophenoxyacetic acid, alkyl* ester *(C3H7-C7H9)	
881M	2,4,5-Trichlorophenoxyacetic acid, amyl ester CAS: 120-39-8 SHA: 082051	
881NN	2,4,5-Trichlorophenoxyacetic acid, butoxyethoxypropyl ester	
881N	2,4,5-Trichlorophenoxyacetic acid, 2-butoxyethyl ester CAS: 2545-59-7 SHA: 082053	
881O	2,4,5-Trichlorophenoxyacetic acid, butoxypropyl ester or propylene glycol butyl ether ester CAS: 1928-48-9 SHA: 082055	
881P	2,4,5-Trichlorophenoxyacetic acid, butyl ester CAS: 93-79-8 SHA: 082056	
881H	2,4,5-Trichlorophenoxyacetic acid, N,N-diethylethanolamine salt CAS: 53404-86-7 SHA: 082038	
881E	2,4,5-Trichlorophenoxyacetic acid, dimethylamine salt CAS: 6369-97-7 SHA: 082019	
881F	2,4,5-Trichlorophenoxyacetic acid, N,N-dimethyllinoleylamine salt CAS: 3404-88-9 SHA: 082037	
881G	2,4,5-Trichlorophenoxyacetic acid, N,N-dimethyloleylamine salt CAS: 53404-89-0 SHA: 082020	

CASWELL#	CHEMICAL	X-REFERENCE
881Q	2,4,5-Trichlorophenoxyacetic acid, dipropylene glycol isobutyl ether ester CAS: 3535-31-2 SHA: 082057	
881R	2,4,5-Trichlorophenoxyacetic acid, 2-ethylhexyl ester CAS: 928-47-8 SHA: 082063	
881S	2,4,5-Trichlorophenoxyacetic acid, isobutyl ester CAS: 938-72-1 SHA: 082062	
881AA	2,4,5-Trichlorophenoxyacetic Acid Isooctyl Ester	
881T	2,4,5-Trichlorophenoxyacetic acid, isopropyl ester CAS: 3-78-7 SHA: 082066	
881I	2,4,5-Trichlorophenoxyacetic acid, N-oleyl-1,3-propylenediamine salt CAS: 53404-87-8 SHA: 082029	
881U	2,4,5-Trichlorophenoxyacetic acid, propylene glycol butyl ether ester	
881V	2,4,5-Trichlorophenoxyacetic acid, propylene glycol isobutyl ether ester CAS: 3466-86-7 SHA: 082073	
881A	2,4,5-Trichlorophenoxyacetic acid, sodium salt CAS: 3560-99-1 SHA: 082004	
881J	2,4,5-Trichlorophenoxyacetic acid, triethanolamine salt CAS: 813-14-7 SHA: 082033	
881K	2,4,5-Trichlorophenoxyacetic acid, triethylamine salt CAS: 008-46-0 SHA: 082034	

CASWELL#	CHEMICAL	X-REFERENCE
881W	2,4,5-Trichlorophenoxyacetic acid, tripropylene glycol isobutyl ether ester CAS: 3535-32-3 SHA: 082075	
881X	4-(2,4,5-Trichlorophenoxy)butyric acid 2,4,5 TB CAS: 3-80-1 SHA: 481800	
	2-(2,4,5-Trichlorophenoxy)ethyl-2,2-dichloropropionate	425
881Y	2-(2,4,5-Trichlorophenoxy)ethyl hydrogen sulfate 2,4,5-TES CAS: 69633-04-1 SHA: 481900	
	2-(2,4,5-Trichlorophenoxy)propionic acid	739
	2-(2,4,5-Trichlorophenoxy)propionic acid, 2-butoxyethyl ester	739A
	2-(2,4,5-Trichlorophenoxy)propionic acid, butoxypolypropoxypropyl ester	739B
	2-(2,4,5-Trichlorophenoxy)propionic acid, butoxypropyl ester	739C
	2-(2,4,5-Trichlorophenoxy)propionic acid, diethanolamine salt	739D
	2-(2,4,5-Trichlorophenoxy)propionic acid, diisopropanolamine salt	739E
	2-(2,4,5-Trichlorophenoxy)propionic acid, dipropylene glycol isobutyl ether ester	739F
	2-(2,4,5-Trichlorophenoxy)propionic acid, ethanolamine salt	739G
	2-(2,4,5-Trichlorophenoxy)propionic acid, 2-ethylhexyl ester	739H
	2-(2,4,5-Trichlorophenoxy)propionic acid, isooctyl ester	739I
	2-(2,4,5-Trichlorophenoxy)propionic acid, isopropanolamine salt	739J

CASWELL#	CHEMICAL	X-REFERENCE
	2-(2,4,5-Trichlorophenoxy)propionic acid, monohydroxyaluminum salt	739K
	2-(2,4,5-Trichlorophenoxy)propionic acid, potassium salt	739L
	2-(2,4,5-Trichlorophenoxy)propionic acid, propylene glycol isobutyl ether ester	739N
	2-(2,4,5-Trichlorophenoxy)propionic acid, sodium salt	739O
	2-(2,4,5-Trichlorophenoxy)propionic acid, triethanolamine salt	739P
	2-(2,4,5-Trichlorophenoxy)propionic acid, triethylamine salt	739Q
	2-(2,4,5-Trichlorophenoxy)propionic acid, triisopropanolamine salt	739R
	2-(2,4,5-Trichlorophenoxy)propionic acid, tripropylene glycol isobuytl ether ester	739S
882	2,3,6-Trichlorophenylacetic acid Fenac Chlorfenac (ISO,BSI) CAS: 85-34-7 SHA: 082601 CFR: 180.283	
882D	2,4,5-Trichlorophenylacetic acid CAS: 2903-64-2 SHA: 082603	
882A	2,3,6-Trichlorophenylacetic acid, ammonium salt CAS: 53404-90-3 SHA: 082606	
882B	2,3,6-Trichlorophenylacetic acid, dimethylamine salt CAS: 69462-13-1 SHA: 082605	
882C	2,3,6-Trichlorophenylacetic acid, sodium salt CAS: 2439-00-1 SHA: 082602	

CASWELL#	CHEMICAL	X-REFERENCE
882E	2,4,5-Trichlorophenylacetic acid, sodium salt CAS: 53404-91-4 SHA: 082604	
882L	1,2,3-Trichloropropane	
882M	2,3,3-Trichloropropene sulfinic acid	
882N	2,3,3-Trichloropropene-1-thiol	
882F	2,2,3-Trichloropropionic acid Chloropon (ISO,BSI) CAS: 3278-46-4 SHA: 482700	
882FF	2,3,5-Trichloro-4-(propylsulfonyl)pyridine Dowicil A-40 XD 7603 CAS: 38827-35-9 SHA: 102801	
[illegible]	3,4,5-Trichloro-2,6-pyridinedicarbonitrile	329A
882G	2,3,5-Trichloro-4-pyridinol 4-Hydroxy-2,3,5-trichloropyridine Daxtron Pyriclor CAS: 1970-40-7 SHA: 482800	
	3,5,6-Trichloro-2-pyridinol	821AA
882H	2,3,5-Trichloro-4-pyridinol, potassium salt CAS: 20302-54-9 SHA: 482900	

CASWELL#	CHEMICAL	X-REFERENCE
882I	(3,5,6-Trichloro-2-pyridinyl)oxyacetic acid Triclopyr (ANSI) Dowco 233 Garlon CAS: 55335-06-3 SHA: 116001	
882K	(3,5,6-Trichloro-2-pyridinyl)oxy acetic acid, butoxyethyl ester CAS: 64700-56-7 SHA: 116004	
882J	(3,5,6-Trichloro-2-pyridinyl)oxy acetic acid, triethylamine salt CAS: 57213-69-1 SHA: 116002	
883D	2,5,6-Trichloro-4-thio-isophthalonitrile SDS- 3353	
883	Trichloro-s-triazinetrione	
883A	1,4',5'-Trichloro-2'-(2,4,5-trichlorophenoxy)methanesulfonanilide, sodium salt Edolan U Eulan U-33 Bayer AG CAS: 69462-14-2 SHA: 104101	
	Trichlorphon	385
	Trichlorpyrphos	219AA
883AA	Trichoderma sp. natural ATCC 20475 SHA: 119202	
883AC	Trichoderma sp.	

CASWELL#	CHEMICAL	X-REFERENCE
883AB	Trichoderma sp. altered Benomyl (R) ATCC - 20476 CAS: 67892-34-6 SHA: 119201	
	Triclopyr	882I
	Triclopyr butoxy ethyl ester	419T
	Triclopyr-triethylamine salt	887G
883B	Tricopper dichloride dimethyldithiocarbamate Cuprobam (BSI) CAS: 7076-63-3 SHA: 483300	
883C	(Z)-9-Tricosene Muscamone Muscalure CAS: 27519-02-4 SHA: 103201	
884	Tricresyl phosphate CAS: 1330-78-5 SHA: 083401	
	Tricuron	481AA
884C	Tricyclazole (ANSI) 5-Methyl-1,2,4-triazolo[3,4-b]benzothiazole EL 291 CAS: 41814-78-2 SHA: 120201	
	Tricyclohexylhydroxystannane	884A

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CASWELL#	CHEMICAL	X-REFERENCE
884A	Tricyclohexyltin hydroxide Tricyclohexylhydroxystannane Cyhexatin (ANSI) Dowco 213 Plictran TCTH CAS: 13121-70-5 SHA: 101601 CFR: 180.144	
884AA	Tricyclohexyl(1,2,4-triazol-1-yl)tin Azocyclotin (ISO PROP) Tricyclotin (ISO WITHDRAWN) CAS: 41083-11-8 SHA: 484600	
	Tricyclotin	884AA
884D	Tridecyl acetate	
	2-Tridecyl-2-imidazoline-1-ethanol phosphate	020E
884B	Tridecylpoly(ethyleneoxy)ethanol-iodine complex CAS: 53404-05-0 SHA: 046911	
	Tridemorph	386
	Tridiphane	419D
885	Trietazine (ANSI) 2-Chloro-4-(diethylamino)-6-(ethylamino)-s-triazine CAS: 1912-26-1 SHA: 080809	
886	Triethanolamine CAS: 102-71-6 SHA: 004208	

CASWELL#	CHEMICAL	X-REFERENCE
887AA	Triethanolamine dodecylbenzene sulfonate CAS: 27323-41-7 SHA: 079020	
887A	Triethanolamine laurate CAS: 2224-49-9 SHA: 079043	
887B	Triethanolamine methanearsonate CAS: 5902-97-6 SHA: 013807	
887C	Triethanolamine myristate CAS: 41669-40-3 SHA: 079044	
887D	Triethanolamine oleate CAS: 2717-15-9 SHA: 079025	
887E	Triethanolamine sulfonate tridecylpoly-(oxyethylene)ethanol-bromide complex SHA: 008709	
887F	Triethanolamine thiocyanate CAS: 7048-26-2 SHA: 068105	
887G	Triethylamine-3,5,6-trichloro-2-pyridinyloxy acetate Triclopyr-triethylamine salt	
888	Triethylene glycol Deactivator H CAS: 112-27-6 SHA: 083501	
888C	Triethylene glycol diacetate	
	1,3,5-Triethylhexahydro-s-triazine	481B

CASWELL#	CHEMICAL	X-REFERENCE
	Trifenmorph	898A
888D	Trifenofos (ANSI)	
	O-Ethyl S-propyl O-(2,4,6-trichlorophenyl)phosphorothioate	
	Gana	
	RH 218	
	Triphenophos	
	Trifenson	211D
888B	Triflumizole	
	1-[N-(4-Chloro-2-trifluoromethylphenyl)-propoxyacetimidoyl]-imidazole	
	CAS: 68694-11-1	
	α,α,α-Trifluoro-N-(2-methylallyl)-2,6-dinitro-N-propyl-p-toluidine	548A
	α,α,α-Trifluoro-N-methyl-4,6-dinitro-N-2,4,6-tribromophenyl-o-toluidine	561BB
	1,1,1-Trifluoro-N-2-[methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide	539C
888AB	α,α,α-Trifluoro-2,6-dinitro-p-cresol	
	α,α,α-Trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine	889
888F	α,α,α-Trifluoro-2,6-dinitro-n-propyl-p-toluidine	
888E	α,α,α-Trifluoro-2,6-dinitro-p-toluidine	
	α,α,α-Trifluoro-3'-isopropoxy-o-toluanilide	463N
	4-(Trifluoromethyl)-2,4'-dinitrodiphenyl ether	462AA
	3-(Trifluoromethyl)-4-nitrophenol	890
	(E)-(+-)-4-[4-[4-Trifluoromethyl]phenoxy]-2-pentenoic acid	346C
	1-(m-Trifluoromethylphenyl)-3-chloro-4-chloromethyl-2-pyrrilidone	721B

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CASWELL#	CHEMICAL	X-REFERENCE
	3-[m-(Trifluoromethyl)phenyl]-1,1-dimethylurea	460A
889B	3'-(Trifluoromethylsulfonamido)-p-acetotoluidide N-[4-Methyl-3-[[(trifluoromethyl)sulfonyl]amino]phenyl]acetamide Fluoridamid (ANSI) MBR 6033 Sustar CAS: 47000-92-0 SHA: 460300	
890	α,α,α-Trifluoro-4-nitro-meta-cresol 4-Nitro-3-(trifluoromethyl)phenol 3-(Trifluoromethyl)-4-nitrophenol Lamprecide TFM CAS: 88-30-2 SHA: 036201	
	(+-)-4-(p-((α,α,α-Trifluoro-p-tolyl)oxy)phenoxy)-2-pentenoic acid	346C
889	Trifluralin (ANSI) α,α,α-Trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine (CA) Treflan Elancolan Digermin Crisalina Ipersan CAS: 1582-09-8 SHA: 036101 CFR: 180.207	
890AA	Triforine (ANSI) N,N'-[1,4-Piperazinediylbis(2,2,2-trichloroethylidene)]bis(formamide) CELA W 524 CA 70203 Funginex CAS: 26644-46-2 SHA: 107901 CFR: 180.382	

CASWELL#	CHEMICAL	X-REFERENCE
	Trifumuron	217C
890A	2,3,5-Triiodobenzoic acid TIBA Floraltone CAS: 88-82-4 SHA: 009104 CFR: 180.219	
890B	2,3,5-Triiodobenzoic acid, dimethylamine salt (N-methylmethanamine salt) (CA*) Regim 8 CAS: 7601-49-9 SHA: 009105	
891	Triisopropanolamine CAS: 22-20-3 SHA: 004209	
892	Triisopropylamine CAS: 3424-21-3 SHA: 004210	
	Trimaton	780
	Trimethacarb	893A
892B	3-(Trimethoxysilyl)propyl dimethyl octadecyl ammonium chloride Q9-5700 X9-5700 CAS: 27668-52-6 SHA: 107401	
892C	Trimethyl benzyl ammonium resin, polybromide form SHA: 008711	
892D	Trans-4,6,6-Trimethylbicyclo(3.1.1)-hept-3-en-2-ol Trans-Verbenol CAS: 473-67-6	

CASWELL#	CHEMICAL	X-REFERENCE
	3,5,5-Trimethyl-2-cyclohexen-1-one	506
892BB	2,2,5-Trimethyl-3-dichloroacetyl-1,3-oxazolidine R 29148	
	3,7,11-Trimethyl-2,6,10-dodecatriene-1-ol and 3,7,11-trimethyl-1,6,10-dodecatriene-3-ol	801F
	3,7,11-Trimethyl-1,6,10-dodecatriene-3-ol	595B
	3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol	456J
892A	3,5,5-Trimethyl-1-hexanol CAS: 3452-97-9 SHA: 492200	
892AA	3,4,4-Trimethyl-1-oxa-3-azacyclopentane CAS: 75673-43-7 SHA: 114802	
892AB	3,4,4-Trimethyloxazolidine Bioban CS 1135	
893	2,2,4-Trimethyl-1,3-pentanediol TMPD CAS: 144-19-4 SHA: 041002	
893D	2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate CAS: 25265-77-4	
	2,4,5-Trimethyl-N-phenyl-3-furancarboxamide	549BB
	2,3,5-Trimethylphenyl methylcarbamate	893A

CASWELL#	CHEMICAL	X-REFERENCE
893A	3,4,5-Trimethylphenyl methylcarbamate 2,3,5 Trimethylphenyl methylcarbamate Landrin OMS 597 Broot Trimethacarb (ANSI) CAS: 2686-99-9 SHA: 102401 CFR: 180.305	
893E	Trimethylsilyl Methyl 2-[4-[(3,5,-Dichloro-2-pyridinyl)oxy]phenoxy]-propano oate FOE 3440	
893C	Trimethylsulfonium carboxymethylamino-methylphosphonate SC 0224 R 50224 Sulfosate CAS: 81591-81-3 SHA: 128501	
893B	2-(1,3,3-Trimethylureido)-1,3,4-thiadiazole-5-N,N-dimethylsulfonamide CAS: 7758-95-5	
	Trimeturon	213A
	Trimidal	419G
894	Trinitrobenzene-aniline complex CAS: 1101-79-9 SHA: 056503	
	Trinoxol	881
	Triocarbanil	082AA
894A	Tri-Orthocresylphosphate CAS: 1330-78-5	

CASWELL#	CHEMICAL	X-REFERENCE
	2,8,9-Trioxa-5-aza-1-sila-1-(p-chlorophenyl)bicyclo(3.3.3)undecane	2138
	Triphenophos	888D
896	Triphenyl bismuthine Aerotox CAS: 603-33-8 SHA: 082801	
896A	Triphenyl bismuthine dichloride CAS: 594-30-9 SHA: 082802	
896B	Triphenyllead acetate CAS: 1162-06-7 SHA: 088101	
896C	Triphenyltin acetate Fentin acetate CAS: 900-95-8 SHA: 496700	
896D	Triphenyltin chloride Fentin chloride CAS: 639-58-7 SHA: 496500	
896H	Triphenyltin fluoride Biomet 204 CAS: 379-52-2 SHA: 083602	
896E	Triphenyltin hydroxide Fentin hydroxide Hydroxytriphenyltin Du-ter TPTH CAS: 76-87-9 SHA: 083601 CFR: 180.236	

CASWELL#	CHEMICAL	X-REFERENCE
896F	Triphenyltin nonylphenoxide SHA: 496600	
896J	Triprene (ANSI) 5-Ethyl (E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienethioate Altorick CAS: 40596-80-3 SHA: 496200	
	Tripropindan	512C
896K	Tripropyltin methacrylate Ste i-chem DM-40 SHA 083202	
896G	Tripropyltin oxide CAS 1067-29-4	
	Tris	896I
896I	Tris(2,3-dibromopropyl)phosphate Tri	
897	Tris[(2,4-dichlorophenoxy)ethyl] phosphite Bis (2,4-dichlorophenoxy)ethyl] phosphite 2,4 DEP 3Y9 Falodin Falone CAS: 94-84-8 SHA: 031201	
	Tris(dimethyldithiocarbamato)iron	458
897A	Tris(2-hydroxyethyl) benzyl ammonium chloride CAS: 7006-60-2	
	Tris(hydroxymethyl)nitromethane	495

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CASWELL#	CHEMICAL	X-REFERENCE
897B	1,3,5-Tris(3-methoxypropyl)-s-hexahydrotriazine Ottaform 204 (part, see casw 481C) CAS: 3960-05-2	
898	Trisodium phosphate CAS: 7601-54-9 SHA: 076406	
	Tritac	873B
	Trithion	165
	Tritisan	640
898A	4-Tritylmorpholine WL 8008 Trifenmorph (ISO,BSI) Frescon CAS: 1420-06-0 SHA: 498300	
	Triumph	195AAA
898B	Trixylyl phosphate	
	Trolene	724
	Tronabor	108
	Trophy	731Q
	Tropital	669
	Tropotox	558
	Trovidur	902B
	Troysan 38	494B

CASWELL#	CHEMICAL	X-REFERENCE
	Troysan 74	494C
	Troysan 92	494CC
	Troysan K-108A	501A
	Troysan Polyphase Anti-mildew	501A
	Truben	428
900E	Tryptophan	
	Trysben	873
	Tsar	706A
	Tsitrex	419
	Tumbleaf	753
	Tunic	549AA
	Tupersan	733A
899	Turkey red oil Sulfonated castor oil CAS: 8002-33-3 SHA: 079014	
899A	Turkey red oil, sodium salt Sodium sulforicinoleate	
900	Turpentine CAS: 8006-64-2 SHA: 084501	
	Tutane	125

CASWELL#	CHEMICAL	X-REFERENCE
900D	TX-1347	
	Tycor	033L
900A	Tyrothricin CAS: 1404-88-2 SHA: 006311	
	U 46	559B
	U 5897	214A
	U 27267	863A
	U 27415	081E
	U 36059	374A
900C	U 56295 Methyl-N-[[[[(1,1-dimethylethyl)-5,5-dimethylethyl-2-thioxo-1,3,2-dioxaphosphor-inam-2-yl)amino]thio]methylamino]carbonyl]oxy]-ethanimidothioate SHA: 124701	
	UBI-H 719-1220	549BB
	UBI-H 719-1222	549BB
	UBI-N252	472AA
	UBS 2727	392L
	UBS 2730	836A
	UBS 2789	334D
	UC 7744	160
	UC 8454	841A

CASWELL#	CHEMICAL	X-REFERENCE
	UC 10854	512A
	UC 19786	128F
	UC 20299	755B
	UC 21149	011A
	UC 21865	011AA
	UC 22463	298A
900AA	UC 51762 Thiodicarb (ANSI PROP) Dimethyl-N,N'-[thiobis[[(methylimino)carbonyl]oxy]]bis[ethanimidothioate] Larvin Dicarbasulf CAS: 59669-26-0 SHA: 114501	
900F	UC 75118	
	UDMH	366G
	Ultramarine blue	663N
	UMP-488	551F
901A	Γ-Undecalactone	
900B	Undecanol	
	2-Undecanone	5730
901	Undecylenic acid CAS: 112-38-9 SHA: 085501	

CASWELL#	CHEMICAL	X-REFERENCE
	Unden	508
	Uniconazole	207H
	UNI-N252	472AA
	Unipon	273
	Uniquat CB 50	015H
	Uniroyal D-014	130I
901B	Unsaturated fatty acid	
	Urab	655
	Uragan	111
902K	Uranine (O-Carboxymethyl)-6-hydroxy-3H-xanthen-3-one, disodium salt CAS: 518-47-8 SHA: 128839	
902	Urea CAS: 57-13-6 SHA: 085702	
	Urotropin	482
	Urox	583A
	USB 3153	727A
	USB 3584	335C

CASWELL#	CHEMICAL	X-REFERENCE
902C	Ustilan N-[5-(Ethylsulfonyl)-1,3,4-thiazol]-N,N'-dimethylurea (8CI) Ethidimuron MET-1486 Sulfodiazol CAS: 30043-49-3 SHA: 122501	
	Uvinul D49	353C
	Uvitex OB	853B
	Vacor	718B
	Valexon	902L
	Valone	515
	Vamidothion	379A
	Vancide 89	159
	Vancide BN	408
	Vancide MZ-96	931
	Vancide PA	099
	Vancide TH	481B
902CA	Vanillin 3-Methoxy-4-hydroxybenzaldehyde	
	Vantocil 1B	676
	Vapam	780
	Vapona	328

CASWELL#	CHEMICAL	X-REFERENCE
	VBT	902A
	VC 13	321
	VC 9-104	434C
	VCS 438	549AA
	VCS 506	525B
	Vectal SC	063
	Vegadex	180
	Vegfru fosmite	427
	Vegiben	168A
	Vel-4207	154A
902F	VEL 4359	
	VEL 5026	721A
	Velpar.	271AA
	Velsicol 1068	174
	Vendex	481DD
	Venturol	419
	Venzar	525A
	Trans-Verbenol	892D
	Verdict	559E

CASWELL#	CHEMICAL	X-REFERENCE
	Vernam	711
	Vernolate	711
	Versene	438
	Vidden D	324
	Vikane	816A
	Vinclozolin	323C
902B	Vinyl chloride Chlorethene Chlorethylene Trovidur CAS: 75-01-4	
902A	Vinylene bisthiocyanate Thiocyanic acid Vinylene ester (CA) VBT Cytox 3711 CAS: 14150-71-1 SHA: 068104	
	Vinylene ester	902A
902J	Vinylidene chloride	
902H	Vinyl pyrrolidone CAS: 25086-24-7	
902AA	Vinyzene N-Maleimide N-(2-Methyl-1-naphthyl)maleimide CAS: 70017-56-0 SHA: 113701	

CASWELL#	CHEMICAL	X-REFERENCE
	Viozene	724
	Virelure (part, see casw 934A)	472C
	Virelure (part, see casw 472C)	934A
902CB	Virus inclusion bodies Choristoneura sp.	
	Visco p-25-F	601AA
	Visco 1152 (part, see casw 507)	012H
	Visco 1152 (part, see casw 012H)	507
	Vistar	333AA
902E	Vitamin D3 CAS: 434-16-2 SHA: 208700	
902M	Vitamin E Tocopherol CAS: 1406-18-4	
	Vitavax	165A
902G	V. lecanii	
902L	Volaton α-[[(Diethoxyphosphinothioyl)oxy]imino]benzeneacetonitrile Phenylglyoxylonitrile oxime-O,O-diethylphosphorothioate Bay 77488 Phoxim (ISO) Baythion Valexon SRA 7502 CAS: 14816-18-3 SHA: 598800	

CASWELL#	CHEMICAL	X-REFERENCE
902D	Vondozeb	
	Mixture of manganese ethylenebisdithio-carbamate and zinc ethylenebisdithiocarbamate	
	CAS: 8018-01-7	
	Voronit special	465D
	Vortex	573
	W 524	890AA
903	Warfarin (ANSI)	
	3-(α-Acetonylbenzyl)-4-hydroxycoumarin (CA)	
	3-(1-Phenyl-2-acetylethyl)-4-hydroxycoumarin	
	Coumafene	
	Coumaphene	
	Dethmor	
	CAS: 81-81-2	
	SHA: 086002	
903A	Warfarin, sodium salt	
	3-(α-Acetonylbenzyl)-4-hydroxycoumarin, sodium salt	
	CAS: 29-06-6	
	SHA: 086003	
	Warf DDT Anti-resistant	291
903B	Water	
	CAS: 7732-18-5	
	Waylay	590A
	WBA 8119	114AAA
	Weedazol	040
	Weed-E-Rad	405
	Weedtrine D	402

CASWELL#	CHEMICAL	X-REFERENCE
	Wepsyn	037A
	Whip	431C
	White arsenic	059
	WL 8008	898A
	WL 19805	188C
903G	WL 26624 Ethyl-N-benzoyl-N-(3-chloro-4-fluorophenyl)-alaninate	
903I	WL 29670 N-Benzoyl-N-(3-chloro-4-fluorophenyl)alanine	
903E	WL 29761 Mataven Methyl-N-benzoyl-N-(3-chloro-4-fluorophenyl)-2-aminopropioate Flamprop methyl	
903C	WL 29762	
	WL 41706	273H
903D	WL 43423 Methyl-N-benzoyl-N-(3-chloro-4-fluorophenyl)alaninate, (R)-enatiomorph [R]-Methyl-N-benzoyl-N-(3-chloro-4-fluorophenyl)alaninate Flamprop-m-methyl CAS: 37924-13-3 SHA: 108001	
903H	WL 43425	
903F	WL 45328	
	Woodlife	501A

CASWELL#	CHEMICAL	X-REFERENCE
904	Wood Tar CAS: 8030-97-5 SHA: 067206	
	Wood vinegar	718C
904A	Wool fat, anhydrous lanolin	
	WPSB Pheromone	411B
	WSCP	678A
	XP-5700	892B
904B	Xanthan gum	
905	Xanthone CAS: 90-47-1 SHA: 086503	
	XD 1603	287AA
	XD 7603	882FF
	XD 7287L	287AA
	XE-779L	307A
	XRD-474	575C
	XRD-429	704G
906	Xylene CAS: 1330-20-7 SHA: 086802	
907	Xylene range aromatic solvent CAS: 68920-06-9 SHA: 086803	

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CASWELL#	CHEMICAL	X-REFERENCE
907AA	2,4-Xylenesulfonic acid CAS: 88-61-9	
907A	2,4-Xylenol CAS: 105-67-9 SHA: 086804	
	2,4-Xylidene	119H
907B	Xyligen B Furmecyclox (ISO PROP) N-Cyclohexyl-N-methoxy-2,5-dimethyl-3-furancarboxamide BAS 339F Epic CAS: 60568-05-0 SHA: 122601	
	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxylenzoyl)oxy]-methyl ester	722A
	Yomesan	314
907C	Ytterbium chloride	
907D	Yttrium chloride	
	Zardex	271BBB
	Zectran	579B
	Zeolex	734A
	Zerlate	931
	Ziman-dithane	913A
908A	Zinc alkanoates	
908	Zinc arsenate CAS: 13464-44-3 SHA: 013301	

CASWELL#	CHEMICAL	X-REFERENCE
909	Zinc arsenite CAS: 28837-97-0 SHA: 013604	
909A	Zinc bacitracin Silotracin CAS: 1405-89-6 SHA: 006309	
909B	Zinc borate CAS: 12447-61-9 SHA: 128859	
910	Zinc chloride CAS: 7646-85-7 SHA: 087801	
912	Zinc dehydroabietylammonium-2-ethylhexanoate CAS: 53404-92-5 SHA: 004211	
	Zinc dimethyl dithiocarbamate	931
	Zinc dimethyl dithiocarbamate-cyclohexylamine complex	931A
907E	Zinc elemental	
	Zinc ethylene bisdithiocarbamate	930
913	Zinc-2-ethylhexanoate CAS: 136-53-8	
914	Zinc fluosilicate CAS: 16871-71-9 SHA: 075307	
915	Zinc formate CAS: 557-41-5 SHA: 087802	

CASWELL#	CHEMICAL	X-REFERENCE
916	Zinc hydroxide CAS: 20427-58-1 SHA: 088501	
	Zinc-1-hydroxy-2-pyridinethione	923
913A	Zinc ion and manganese ethylene bisdithiocarbamate (coordination product of Mn 16%, Zn 2%, ethylene bisdithiocarbamate 62%) Dithane M-45 Mancozeb (ISO) Manzate 200 EBDC Policar MZ Nemispor Ziman-dithane CAS: 8018-01-7 SHA: 014504 CFR: 180.176	
917	Zinc-2-mercaptobenzothiazole 2-Mercaptobenzothiazole, zinc salt CAS: 155-04-4 SHA: 051705	
918	Zinc mercury chromate CAS: 22323-45-1 SHA: 021004	
919	Zinc naphthenate CAS: 12001-85-3	
919A	Zinc neodecanoate CAS: 27253-29-8 SHA: 097502	
920	Zinc oxide CAS: 1314-13-2 SHA: 088502	

CASWELL#	CHEMICAL	X-REFERENCE
	Zinc pentachlorophenate	641C
921	Zinc petroleum sulfonate SHA: 088503	
921A	Zinc phenol sulfonate CAS: 127-82-2 SHA: 089002	
922	Zinc phosphide CAS: 1314-84-7 SHA: 088601 CFR: 180.284	
922A	Zinc propylene bisdithiocarbamate Propineb (ISO) CAS: 12071-83-9 SHA: 522200	
923	Zinc-2-pyridinethiol-1-oxide Omadine-zinc Zinc-1-hydroxy-2-pyridinethione CAS: 13463-41-7 SHA: 088002	
923A	Zinc pyridinethione CAS: 13463-41-7	
924	Zinc-8-quinolinolate CAS: 13978-85-3 SHA: 024005	
925A	Zinc resinate Zinc salt of fatty & rosin acid CAS: 9010-69-9 SHA: 077001	
911	Zinc salt of 5-chloro-2-mercaptobenzothiazole	

CASWELL#	CHEMICAL	X-REFERENCE
	Zinc salt of fatty & rosin acid	925A
926	Zinc stearate CAS: 57-05-1 SHA: 077002	
927	Zinc sulfate CAS: 7733-02-0 SHA: 089001	
928	Zinc sulfate, basic (declare % zinc) CAS: 68813-94-5 SHA: 089101 CFR: 180.244	
927A	Zinc sulfate monohydrate CAS: 7446-19-7	
929	Zinc trichlorophenate CAS: 30143-22-7 SHA: 064213	
930	Zineb (ANSI) Zinc ethylene bisdithiocarbamate Parzate Dithane Z-78 Lonacol Hexathane Aspor Diphe CAS: 12122-67-7 SHA: 014506 CFR: 180.115	
	Zinophos	345

CASWELL#	CHEMICAL	X-REFERENC
931	Ziram (ANSI)	
	Zinc dimethyl dithiocarbamate	
	Zerlate	
	Fuklasin	
	Pomarsol Z	
	Vancide MZ-96	
	Milbam	
	Antene	
	CAS: 137-30-4	
	SNA: 034805	
	CFR: 180.116	
931A	Ziram, cyclohexylamine complex	
	Zinc dimethyl dithiocarbamate-cyclohexylamine complex	
	CAS: 16509-79-8	
	SNA: 034806	
	Zithiol	535
932	Zoalene (ANSI)	
	3,5-Dinitro-o-toluamide	
	CAS: 148-01-6	
	SNA: 037510	
	Zolone	660A
932N	Zonyl FSN	
	Zorial	195AA
	ZR-515	028AAA
	ZR-777	714AA
	ZR-3209	462B

CASWELL#	CHEMICAL	X-REFERENC
	ZR-515	028AAA
	ZR-777	714AA
	ZR-3209	462B
934	ZR-3210 N-[2-Chloro-4-(trifluoromethyl)phenyl]-DL-valine (+-)-cyano(3-phenoxyphenyl)methyl ester (CA*) N-(2-Chloro-a,a,a-trifluoro-p-tolyl)-DL-valine(+-)-a-cyano-phenoxybenzyl ester (CA) Fluvalinate (ANSI) Mavrik CAS: 69409-94-5 SHA: 109302	
934A	Z-9-Tetradecenal Virelure (part, see casw 472C) CAS: 53939-27-8 SHA: 120002	
932B	Z-9-Tetradecen-1-ol formate TDF	
932A	Z-4-Tridecenyl-1-yl acetate (9CI) CAS: 65954-19-0 SHA: 121901	
	Zydin E	607B
933	Zygomycotina	
	Zytron	323
	Z,Z-ODDA	609AB